

**WALK-IN-INTERVIEW FOR THE TEMPORARY POSITIONS IN
MHRD FUNDED PROJECT
SAMREC/2019-20/20**

The venue of the Walk-in interview : Ground Floor, Institute of Informatics & Communication (IIC), Univ. of Delhi
South Campus, New Delhi -110021

Duration of the Project : Till 31/03/2024

Details of manpower to be hired :

S.No.	Position and Emoluments	No. of posts	Reporting time for Interview
1	Software Engineer (DevOps) Postcode - 105- (Emolument: Rs. 55,000 – Rs. 62,450/- consolidated p.m.)	01	16th November 2019 12:30 PM
2	Software Programmer (Full Stack Application Programming) Post Code- 107 (Emolument: Rs. 40,000 – Rs 50,000/- consolidated p.m.) <i>Note: Freshers can also apply for trainee positions with a monthly emolument in the range Rs. 20000 - Rs. 25000</i>	03	16th November 2019 12:30 PM
3	Software Programmer (Mobile Application Programming) Postcode- 108(A+B) (Emolument-Rs. 40,000 – Rs 45,000/- consolidated p.m.) <i>Note: Freshers can also apply for trainee positions with a monthly emolument in the range Rs. 20000 - Rs. 25000</i>	01	16th November 2019 12:30 PM
4	Project Researcher (Data Analytics & Machine Learning) Post Code – 111 (Emolument – Rs 50000 – Rs. 54800)	01	16th November 2019 12:30 PM
5	Project Assistant Post Code – 112A (Emolument – Rs 25000 – Rs. 35000)	01	16th November 2019 10:00 AM
6	Project Assistant Post Code – 112B (Emolument – Rs 25000 – Rs. 35000)	01	16th November 2019 10:00 AM
7	Roll Out Support Post Code – 113 (Emolument – Rs 25000 – Rs. 32450)	14	16th November 2019 10:00 AM

Interested applicants should send their detailed CVs and profiles to **projects@iic.ac.in**. Applicants should come with a detailed resume, self-attested photocopies and originals of educational/professional qualifications, on the day of the interview. The selected candidates shall be required to work on “University Process Automation and Information Management Systems”.

Duration of Appointment: The selected candidate will be appointed initially for a maximum period of 6 months, extendable after review.

Note:

1. No TA/DA will be paid for appearing in the interview.
2. The applicant will be responsible for the authenticity of the information in the application.
3. Positions are available only on immediate joining.

PI, Project Samarth

Minimum essential qualification with experiences of different above posts:

Sr. No.	Position and Emoluments	Minimum essential qualification with desirable experience
1	Software Engineer (DevOps) Postcode- 105	Essential: M.Sc./MS/MCA degree in Computer Science / Information Technology / Informatics / Engineering or allied subjects with 60% or above with minimum 1 Year of Experience Or B.Tech. with 60% or above with minimum 2 Years of Experience Desirable: Above with 2 (or more) Years of Experience. Preference will be given to candidates with experience in software development and implementation projects in the education sector. Experience in a similar position and industry certifications may be preferred.
2	Software Programmer (Full Stack Application Programming) Post Code- 107	Essential: M.Sc./MS/MCA/B.Tech. degree in Computer Science / Information Technology / Informatics / Engineering or allied subjects with 60%. Desirable: Above with 0-3 (or more) Years of Industry Experience. Preference will be given to candidates with experience in software development and implementation projects in the education sector. Note: Freshers can also apply for trainee positions with a monthly emolument in the range Rs. 20000 - Rs. 25000
3	Software Programmer (Mobile Application Programming) PostCode- 108(A+B)	Essential: M.Sc./MS/MCA /B.Tech. degree in Computer Science / Information Technology / Informatics / Engineering or allied subjects with 60% or above. Desirable: Above with 0-3 (or more) of industry Experience in Web, Android, iOS, Wordpress, MVC framework, Joomla etc. Programming is must: Preference will be given to candidates with experience in software development and implementation projects in education sector Note: Freshers can also apply for trainee positions with a monthly emolument in the range Rs. 20000 - Rs. 25000
4	Project Researchers (Data Analytics & Machine Learning) Post Code – 111	Essential: Master degree in Computer Science / Information Technology / Informatics / Engineering or allied subjects with 60% or above Fresher's can also apply. Preference will be given to candidates with experience
5	Project Assistant Post Code – 112(A+B)	Essential: This position is open to graduates with (a) Bachelor's degree in Computer Science / Information Technology / Informatics / Engineering or allied subjects 55% or above or (b) Diploma in Computer Science / Information Technology / Informatics / Engineering or allied subjects with 1-3 Years of experience. This position is open to graduates in any stream with 55% or above. Preference will be given to candidates with experience in software projects in education sector. Experience in a similar position and industry certifications may be preferred
6	Roll Out Support Post Code – 113	Essential: B.Sc./B.S./B.Voc./B.Tech./M.Sc./MS/MCA or degree in Computer Science / Information Technology / Informatics / Engineering or a related subject with 50% or above Desirable: Experience of 1-3 Years *Preference will be given to candidates ready for relocation or long term stay in respective states of Himachal Pradesh, Uttarakhand, Assam, Sikkim, Mizoram, West Bengal, Haryana, Uttar Pradesh, Bihar, Rajasthan, Maharashtra, Telangana and Chattisgarh.

Eligible and interested candidates should attend walk in interview along with all necessary certificates, in original as well as self-attested photocopies thereof in the Department as per the above schedule.

Principal Investigator
MHRD Project

Work Profiles

1. Software Engineer (DevOps)

Postcode- 105

Job Description

DevOps Engineers look at individual functions of the cloud environment and write code to scale them to fill some immediate needs. This might include adding users to a cloud infrastructure, adding permissions, adding or changing workflow processes, or adding entire objects that function like a container to meet business needs. Their focus is centred on configuration, documentation, optimization and support of the infrastructure components.

DevOps Engineers are responsible for supporting the users of the infrastructure they develop, and the first line of defence is protecting the cloud against hackers and viruses. They do this with code, of course, building secure software from the start.

Responsibilities

- Build upon the work of their counterparts on development and IT teams to scale cloud programs, create workflow processes, assign tenants and more.
- Manage software project lifecycle.
- Implement integrations required under the project.
- Deploy updates and fixes.
- Build tools to reduce occurrences of errors and improve stakeholder experience.
- Mentor software developers and architecture teams within an organization to teach them how to create software that is easily scalable.

Required Qualification and Skills

- Agile Project Management
- Demonstrable skills in Cloud Technology, Container Concepts, CI/CD, Deployment Automation & Orchestration, Infrastructure Automation, Source Control.
- Should be comfortable in using one or more automation tools or orchestration application stacks and frameworks (e.g. OpenStack, Chef, Ansible etc.).
- Experience developing scalable cloud microservices using container technologies like Docker, Kubernetes, and Mesosphere.
- Ability to develop and debug software scripting and code in at least one of the following languages (Bash, Perl, etc.)
- Leverage DevOps tools like Git, Jira, Jenkins, Artifactory, Zephyr, etc. to deliver automation and promote a DevOps culture.
- Experience with building and running large scale, distributed, highly-available, fault-tolerant, multi-tier applications running on both Windows and Linux.

2. Software Programmer (Full Stack Application Programming)

Post Code- 107

Job Description

Full Stack developer will take a key role in team. Full Stack developer must have knowledge in all stages of software development.

Full Stack developer will be working alongside other engineers and developers, collaborating on the various layers of the infrastructure for software systems deployed across the university.

Responsibilities

- Ability to understand product requirements and translate them into technical requirements.
- A knack for benchmarking and optimization.
- Maintain quality and ensure responsiveness of applications.
- Collaborate with the rest of the engineering team to design and launch new features.
- Maintain code integrity and organization. Proficiency with GIT for code versioning

- Work with graphic designers and converting designs to visual elements.
- Understanding and implementation of security and data protection

Required qualifications and skills

- Strong experience in modular application design and development using Yii2 Framework, MVC design pattern and RESTful architecture.
- Expertise with HTML5, Bootstrap, Javascript, jQuery, CSS3 is must.
- Knowledge of both SQL and NoSQL databases such as MySQL and MongoDB
- Proven software development experience
- Proven working experience in web application development
- Have published at least one original web application
- Creation and modification of use cases for every build release to guarantee maximum coverage of test scenarios to ensure minimal misses in the successive framework delivered
- Familiarity with testing and benchmarking tools such as Codeception, Selenium, Apache Jmeter, etc.

3. Mobile Application Programming

Postcode: 108 A and 108 B

Job Description

Mobile Application Programmer developer are required who will be responsible for the development and maintenance of applications aimed at a vast number of diverse mobile devices. Mobile Application Developer's primary focus will be the development of mobile compatible and mobile first applications and their integration with back-end services. Mobile Application Developer will be working along-side other engineers and other developers working on different layers of the infrastructure. Therefore, commitment to collaborative problem solving, sophisticated design, and creating quality products is essential.

Responsibilities

- Ability to understand product requirements and translate them into technical requirements.
- A knack for benchmarking and optimization.
- Maintain quality and ensure responsiveness of applications.
- Collaborate with the rest of the engineering team to design and launch new features.
- Maintain code integrity and organization. Proficiency with GIT for code versioning
- Work with graphic designers and converting designs to visual elements.
- Understanding and implementation of security and data protection

Required qualifications and skills

- Strong experience in modular application design and development using Yii2 Framework, MVC design pattern and RESTful architecture, Android/iOS.
- Expertise with HTML5, Bootstrap, Javascript, jQuery, CSS3 is must.
- Knowledge of both SQL and NoSQL databases such as MySQL and MongoDB.
- Proven software development experience.
- Proven working experience in web application development.
- Have published at least one original web application.
- Creation and modification of use cases for every build release to guarantee maximum coverage of test scenarios to ensure minimal misses in the successive framework delivered.
- Familiarity with testing and benchmarking tools such as Codeception, Selenium, Apache Jmeter, etc.
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4. Project Researcher

Post Code -111

Job Description

Qualified, self-sufficient and thorough researcher/research analyst for immediate hire. The researcher is expected to use extensive research methodologies to perform detailed research in the assigned field, analyze the gathered data and present the findings. The researcher will play a vital role in sourcing and extracting valuable information for the benefit of the project.

Responsibilities

- Coordinate with business management to determine research objectives.
- Work in accordance to project brief and deliver frequent project updates.
- Develop and direct given research assignments.
- Create a plan of action and set project goals and manage them to completion.
- Conduct detailed research of intended subject matter according to business needs.
- Formulate effective and efficient research processes.
- Identify market trends and patterns.
- Design surveys, questionnaires, polls etc. specific to research requirements.
- Test research methodologies to confirm intended purpose of evaluation.
- Perform fieldwork, interviews, experiments, concept-test, etc. to gather data.
- Utilize various professional sources to find and extract pertinent information.
- Perform evaluative analysis of selected resources and current market data.
- Organize and maintain research databases.
- Frequently self-audit work and check data for errors and inconsistencies.
- Compile and organize findings in graphs, charts, mock-ups, and diagrams.
- Document, report, and present research findings to management and clients.

Required Qualifications/Skills

- Extensive and proven experience in the field of research.
- Knowledgeable in various research and testing methodologies.
- Experience using statistical analysis software.
- In-depth knowledge of our specific field.
- Strong Computer, math and statistical skills.
- Performs objective and ethical research at all times.
- Well-versed in database management.
- Effective communicator both orally and written.

5. Project Assistant Postcode-112A+112B

Job Description

Project Assistant must be familiar with the software development life cycle (SDLC) from preliminary system analysis to tests and deployment and documenting it. Project Assistant will be responsible for managing and updating Project Management Portal and website.

Responsibilities

- Execute full software development life cycle (SDLC).
- Develop flowcharts, layouts and documentation to identify requirements and solutions.
- Write well-designed, testable code.
- Produce specifications and determine operational feasibility.
- Integrate software components into a fully functional software system.
- Develop software verification plans and quality assurance procedures.
- Document and maintain software functionality.
- Troubleshoot, debug and upgrade existing systems.
- Deploy programs and evaluate user feedback.
- Comply with project plans and industry standards.
- Ensure software is updated with latest features.

Required Qualifications/Skills

- Proven work experience as a level zero or level one Software Engineer or Software Developer.
- Ability to document requirements, specifications, features of system, installation guides and system manuals.
- Excellent knowledge of relational databases, SQL and NoSQL.
- Experience with test-driven development.
- Proficiency in functional software testing

6. Roll Out Support

Post Code- 113

Job Description

Roll Out Support will be responsible for maintaining the software stack and provide support and training to the end user at their premises. The candidate will coordinate with the core central team on a regular basis for effective and seamless implementation of the project.

Responsibilities

- Will be deputed in different central universities of India after required training in Delhi.
- Liaise with, and provide training and support to end users and staff on project operation and other issues.
- Coordination with the central team on a regular basis.
- Report about issues and incidents at the project site to the central team on a daily basis.
- Ensure effective and seamless implementation of the project on-site.
- Ensure different modules are implemented in accordance to the assigned timeline.

Required Qualification/Skills

- Proven work experience as a Technical Support Engineer, Desktop Support Engineer, IT Help Desk Technician or similar role.
- Hands-on experience with Windows/Linux/Mac OS environments.
- Good understanding of computer systems, mobile devices and other tech products.
- Ability to diagnose and troubleshoot basic technical issues.
- Familiarity with remote desktop applications and help desk softwares.
- Excellent problem-solving and communication skills.
- Ability to provide step-by-step technical help, both written and verbal.
- Should have skills of network troubleshooting.