WALK IN INTERVIEW
at
Digital India Corporation

A section 8 Company, Ministry of Electronics and Information Technology, Govt. of India

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Advt. No. DIC/REC/WI/01

**CALL FOR TECHNICAL PERSONNEL TO WORK AT R&D PROJECTS OF
DIGITAL INDIA CORPORATION, MUMBAI ON FIXED TERM CONTRACT BASIS**

Walk in interview on: Tuesday 3rd December, 2019, from 10 AM to 5 PM

Digital India Corporation (DIC) has been set up by the Ministry of Electronics and Information Technology (MeitY), Government of India, to innovate, develop and deploy ICT and other emerging technologies for the benefit of the common man. The objective of Digital India Corporation is to bring the benefits of Information and Communication Technologies (ICT) and other advanced technologies to the common man.

The posts being advertised for walk-in-Interview are for the various projects of DIC as under:

Project Code	Post	No of Vacancy	Experience Required	Salary Per Month	Initial location of posting
DIC/VSTS/SO/01/WI	Scientific Officer	01	BE/B.Tech/M.Sc.(IT/CS) /MCA with 4 years of post-qualification experience. **OR** ME/MTech Degree with minimum 2 years of post-qualification experience. **OR** PhD in Electrical /Instrumentation/ Biomedical/Computer/ Information Technology.	Rs 55,000 - 60,000/	Mumbai
DIC/VSTS/SD/02/WI	Application Developer	02	BE / B.Tech / M.Sc.(IT/CS) / MCA in Computer Science / Information Technology /Electronics/ Telecommunication/ Biomedical/ Mobile Computing with 2 years of post-qualification experience. **OR** ME / M.Tech Degree in Computer Science / Information Technology/ Electronics/ Telecommunication/ Biomedical/ Mobile Computing	Rs 45,000 - 50,000/	Mumbai

Both the positions are on contract appointment basis covering fixed project duration and on consolidated salaries. Appointments shall be for a period of two years and co-terminus with the project duration.

The place of postings shall be in Mumbai, but transferable to project locations of Digital India Corporation as per existing policy of Digital India Corporation

Further details are given below: -

1) **Name of Post**	:	**Scientific Officer**

    Post Code : DIC/VSTS/SO/01/RW

    Number of Posts : 1 (one)

    Upper Age Limit : 40 years (on closing date of receipt of the application)

    Location (initial posting) : Mumbai

    Duration of Appointment : For a period of two years and co-terminus with the project duration

    Salary (Total monthly pay) : Consolidated, in the range of Rs. 55,000 – Rs.60,000 per month

1.1 Qualifications and Experience

- BE/ BTech/ MSc Degree in Computer Science/ Information Technology/ Electrical/ Electronics/ Telecommunication/ Biomedical/ MCA with minimum 4 years of post-qualification experience.

OR

- ME/ MTech Degree in Computer Science/ Information Technology/ Electrical/ Electronics/ Telecommunication/ Biomedical with minimum 2 years of post-qualification experience.

OR

- PhD in Electrical/ Instrumentation/ Biomedical/ Computers/ Information Technology.

1.2 Job Description and Roles & Responsibilities

The scope of the work is to develop computer-based visual speech training system as a stand-alone applications for desktops and Android devices. The candidate should have scientific knowledge, expertise in software development as well as work in an agile team which is cross-functional containing analysis, design, coding and testing skills.

- Participate in requirements, design, code writing & peer reviews and support system & user acceptance testing.
- Develop and maintain complex, mission critical Python, Java based applications as defined by requirements.
- Write and read technical papers, reports, reviews and specifications, participate in group improvement activities and initiatives to improve quality.
- Proficiently applies appropriate methodologies to design, code, test, implement and maintain systems.

1.3 Required Skill Sets

- Experience of developing commercial Python applications using a well known Framework /IDE (Jupyter notebooks, Spyder, Anaconda, iPython).
- Expertise in stand-alone scientific and IT applications' design, development and support.
- Experience in programming/ scripting languages & digital signal processing applications using Python, C, MatLab, Java etc.
- Knowledge of Python 3.x and its scientific computing modules (SciPy,NumPy, SciPy.Signal, Matplotlib, Pyaudio).
- Knowledge of graphical user interface (GUI) development tools and libraries (Qt, WxWidgets, Kivy etc.)
- Knowledge of applications performance improvement techniques and caching solutions.

1.4 Desirable Skill Sets

- Good interpersonal skills with experience of working with researchers and end-users.
- Should be able to work independently & within team including knowledge of Scrum and Agile methodologies
- Passion for best design and coding practices and experience of working on animation and simulation.
- Experience in cross platform development, worked in products that have scalable architectures.

2) Name of Post   **: Application Developers**

Post Code   : DIC/VSTS/SD/02/RW

Number of Posts   : 2 (two)

Upper Age Limit   : 40 years (on closing date of receipt of application)

Location (initial posting)   : Mumbai

Duration of Appointment   : For a period of two years and co-terminus with the project duration

Salary (Total monthly pay)   : Consolidated, in the range of Rs. 45,000 – Rs.50,000 per month

2.1 Qualifications and Experience

- BE/ BTech/ MSc Degree in Computer Science/ Information Technology/ Electrical/ Electronics/ Telecommunication/ Biomedical/ Mobile Computing/ MCA with minimum 2 years of post-qualification experience.

OR

- ME/ MTech Degree in Computer Science/ Information Technology/ Electrical/ Electronics/ Telecommunication/ Biomedical/ Mobile Computing.

2.2 Job Description and Roles & Responsibilities

The scope of the work is to develop computer-based visual speech training system as a stand-alone applications for desktops and mobile devices. The candidate should have knowledge of Python, Java programming languages and experience in building high-performing, scalable, enterprise-grade applications as well as work in an agile team which is cross-functional containing analysis, design, coding and testing skills.

- Design, develop and maintain complex, mission critical Python, Java based applications as defined by requirements.
- Participate in requirements, design, code peer reviews, initiatives to improve quality.
- Collaborate with cross-functional teams to define, design, and ship Python, Java based application for stand-alone and mobile/android devices.
- Proficiently applies appropriate methodologies to design, code, test, implement and maintain systems.

2.3 Required Skill Set

- Experience in development environments, OOP, Multi-threading, debugging tools, source control system and caching frameworks.
- Experience of developing commercial Python applications using a well-known Framework / IDE (Jupyter notebooks, Spyder, Anaconda, iPython).
- Knowledge of graphical user interface (GUI) development tools and libraries (Qt, WxWidgets, Kivy etc.)
- Experience in mobile application design, development, integration, digital signal processing and real time data transaction & debugging.
- Knowledge of Python 3.x and its scientific computing modules (SciPy, NumPy, SciPy.Signal, Matplotlib, Pyaudio).
- Hands on experience in developing applications in Python, Java, Spring MVC, Spring Boot, Android and other related backend technologies.

2.4 Desirable Skill Set

- Experience of development in native technologies/ mobile frameworks such as HTML5, Phone Gap / Cordova, JavaScript, CSS3, JQuery Mobile, XML, SQL.
- Knowledge of Object Oriented design and programming skills, Service Oriented Architecture (SOA), AIR platform and Mobile Device Management (MDM) platform i.e. Airwatch, MobileIron, Zenprise.
- Experience in cross platform development, digital signal processing, worked in products or technologies that have scalable architectures.
- Knowledge of complete SDLC from functional & technical specifications, documentation, QA processes, source control, maintenance and deployments.

General Conditions applicable to all applicants covered under this advertisement:

1. Those candidates, who are already in regular or contractual employment under Central / State Government, Public Sector Undertakings or Autonomous Bodies, may to apply through proper channel or attach a 'No Objection Certificate' from the employer concerned with the application or should produce No objection Certificate at the time of Interview.

2. The years of experience mentioned as requirement shall be of post qualification for all posts.

3. Digital India Corporation reserves the right to fill all or some or none of the positions advertised without assigning any reason as it deems fit. All the Positions are purely temporary in nature for the project of Digital India Corporation and the appointees shall not derive any right or claim for permanent appointment at Digital India Corporation or on any vacancies existing or that shall be advertised for recruitment by Digital India Corporation in future. Digital India Corporation reserves the right to terminate the appointments of all positions with a notice of one month or without any notice by paying one month's salary in lieu of the notice period.

4. The maximum age shall be as on last date for submission of the applications.

5. For each post, a separate application is necessary.

6. The Application Form duly filled in and signed with photograph should be carried by the candidates in person while turning up for Walk-in-Interview on Tuesday, the 3rd December, 2019.

7. Spot screening of applications will be carried out based on qualifications, age, academic record and relevant experience. Short listed candidates shall be interviewed on the same day.

How to Apply: Interested candidates who fulfil the necessary requirements may download the application form, fill-up the same and turn up at Digital India Corporation office at Mumbai between **10 Am and 12 noon on Tuesday, the 3rd December, 2019.** Attaching self-attested **copies of certificates** (regarding proof of age, qualification, experience, etc.) with the application form **IS A MUST**. The candidates should also bring the **ORIGINAL CERTIFICATES FOR VERIFICATION BY Digital India Corporation.**

Those who intend to attend the Walk-in-Interview on 03/12/2019 are advised to send an ADVANCE COPY of their duly filled-in Application form by Email at: **recruit5@medialabasia.in** to expedite the process.

No interim correspondence will be entertained. Canvassing in any form will result in disqualification.

Director (Admin. & Finance)
Digital India Corporation