COEP TECHNOLOGICAL UNIVERSITY, PUNE

(A Unitary Public University of Government of Maharashtra)

SHIVAJINAGAR, PUNE-411005 (MAHARASHTRA) INDIA

Requirement of Software Professionals

About the project:

Virtual laboratory project is a flagship project under the "National Mission on Education through ICT" (NMEICT) of Ministry of Education, Govt. of India. This is the third phase - extension of the project and 11 leading Institutes of the country are working on this project since 2009. COEP Technological University, Pune formerly College of Engineering Pune is one of the active participants of the project since beginning. More details about this project is available at https://www.vlab.co.in/ In the third phase - extension of this project simulators related to various engineering domains will be developed which are required as per AICTE model curriculum.

The appointment for this project will be purely temporary and can be terminated any time based on the project closure OR poor performance by the employee. The major requirements of the manpower for this project are to "think innovatively to develop better learning experience for the students, develop simulators which are close to real experiments, develop methods using modern tools to track the performance of the students while performing the online experiments, and understand the basic concepts from domain experts, and convert them in useful simulators.

For all the positions open source software background and proficiency is a must as the project is mainly designed using these open source software.

For any query you can reach to Prof. S.D. Agashe Principal Investigator of the Virtual Laboratory project at COEP Technological University, Pune. His e-mail id is: sda.instru@coep.ac.in

Requirement of manpower with qualification:

Sr. No.	Designation	Required qualification	No of Posts
1.	Software Developer	Fresh Computer or allied engineers with command on programming languages (open source languages such as Java, Spring, Hibernate, Python, etc), back end development tools, data bases, module testing and App development. Prior experience of basic software development will be the added advantage.	10 Nos
2.	UI Developer	Fresh Computer or allied engineers with knowledge of HTML5, CSS3, Bootstrap 3/4/5, and responsive layout design with a media query. The candidate should be good in JavaScript, jQuery, Java, and the latest JavaScript framework/Libraries. Able to integrate existing API [REST] and network system. Knowledge of Adobe Photoshop will be the added advantage.	1 No

3.	Software Tester	Experienced computer or allied engineers with hands-on SQL skills, right testing attitude and experience. Should have developed test cases and executed them. Should have seen at least a few test cycles and should be able to log and track defects to closure. Hands on skills of tools such as JMeter, Selenium, Appium are a plus. Should be well versed with Microsoft Office or equivalent software products. Must be a good team player and should be able to work independently or as a part of team. Should have good articulation and communication skills.	1 No
4.	Project Manager	MBA (IT) with Experienced Computer or allied engineers with ➢ Command on programming languages (open source languages such as Java, Spring, Hibernate, Python, etc), back end development tools, data bases, module testing and App development. ➢ Strong understanding of formal project management methodologies. Agile project management experience is a plus ➢ Must have managed a few software projects. ➢ Must be able to proactively identify risks, concerns, issues, dependencies and highlight them to the higher management in a proactive manner. ➢ Ability to lead project teams of various sizes and see them through to completion. Must be a good team player as well as a good leader. ➢ Must find ways to make required resources available to team at a lower cost and in a timely manner ➢ Must provide reports/updates as required in a timely manner ➢ Able to complete projects in a timely manner. ➢ Must be good at articulation and communication ➢ Must be good at popular reporting, communication and collaboration tools such as Microsoft Office, Google GSuite ➢ Must be able to learn, try and recommend new tools to make project more efficient. ➢ Must be able to use experience to provide feedback to the team on the quality of deliverables such as design, code, functionality, documentation, etc. ➢ Project Management Professional (PMP) certification is a plus.	1 No

Please visit and submit your application at **https://portal.coepvlab.ac.in/vlab/auth/career** on or before **26th March 2023**.