

COLLEGE OF ENGINEERING, PUNE (COEP)

An Autonomous Institute of Govt. of Maharashtra

Shivajinagar, Pune -411005

www.coep.org.in

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Career Opportunities in Virtual Lab Project

COEP is looking for competent and experienced Software Engineer/Senior Programmers/and other Virtual Lab related posts to work in the core technologies of "Virtual Labs" project sponsored by MHRD.

"Virtual Labs" is a prestigious project by MHRD, which aims at providing remote/virtual access to high quality labs and experiments from 12 premier technical institutions and universities. The project proposes to impact millions of students and teachers in engineering colleges those who have interest in accessing the quality labs. This is a landmark project wherein 12 top technical institutions of India have come together to share their laboratory work and experiments for open online access. [visit <http://www.vlab.co.in>]

Key Responsibilities: - Candidate will be responsible for building and maintaining a platform that would allow anybody to develop and deploy a Virtual Lab on the cloud.

For Further Details please visit www.coep.org.in under Recruitment Tab Contact Person :- Prof. S. D. Agashe,
Tel.:- 02025507172

Career Opportunities for Software Developers

COEP is looking for competent and experienced Software Engineers/Senior Programmers/UI Developers to work in the core technologies of "Virtual Labs" project sponsored by MHRD. The appointment is purely on temporary basis and only for the duration of the project.

Graduate or post graduate in any branch of engineering or Science with following one or more programming skill set. For the details about the post and required competencies and responsibilities

Should be excellent in development with following languages:

Node.js, Express.js, AngularJs, JQuery, JavaScript

Recommended to have knowledge of Angular2

Familiar with build tools like Grunt, Bower, Yeoman

Must possess good knowledge of relational/non relational database concepts

Should be proficient in MySql/MongoDB

Must be proficient in and must be able to develop UI skillfully with HTML5, CSS3, Bootstrap

Must have good idea on development of responsive Applications

Understanding differences between multiple delivery platforms, such as mobile vs. desktop, and optimising output to match the specific platform

Candidate must be self motivated to deliver quality software on time

Excellent communication skills

Must be adaptive and ready to learn new technology fast

Experience: 1 - 4 years

Fresher may also apply. Carry prototype/GitHub links of application developed in above languages.

Post 1:- Software Engineer

Looking for fulltime Software Engineer to work in the core technologies of Virtual Labs Project, includes integration of various virtual labs (Simulation) software modules and deployment on the cloud.

The primary role of the Software Engineer is to develop Virtual Labs web services in collaboration with Assistant Project Manager, System Administrator and Senior Programmers. He/she will also be responsible for code verification, version controlling, testing and integration in Free and Open Source Software (FOSS) technology.

Requirements:-

Candidate must possess 1+ years of related software development experience.
Extensive experience with software development in a high technology or web based software development environment.
A thorough understanding of generic Project Life Cycle management controls.
Experience in Software Development Life Cycle (SDLC).

Minimum skills/Qualifications:

Minimum qualification B.E./B.Tech
Candidate should have 1+ years of experience in object oriented programming, JavaScript, jQuery, Database knowledge, Web services using Linux Operating Systems, Python programming, Java, designing scalable web services in Python and Familiarity with *nix shells and tools.
Open source enthusiast
Must have Software Development skills, self motivated, creative, out of the box thinker

Post 2:- Software Developer

Looking for fulltime Software Developer to work in the core technologies of Virtual Labs Project. The primary role of the Software Developer is to develop and maintain various modules under virtual laboratories.

Requirements:-

Candidate must possess minimum one year experience in software development. Experience in Software Development Life Cycle(SDLC)

Minimum skills/Qualifications:

Minimum qualification:

B.E./B.Tech/MCA/MCS

Java, JSP servlet Spring framework, hibernate, mysql, Javascript, jquery Should have basic knowledge of html.

Open source enthusiast

Must have Software Development skills, self motivated, creative and out of the box thinker.

Post 3 :- UI Developer

The primary role of the UI Developer is to design and develop html/php pages.

Requirements:-

Candidate must possess 2+ year experience in UI development.
Knowledge in html files, CSS 3, dream-viewer, photo shop, Animation, etc.

Minimum skill/Qualifications:

Minimum qualification any graduate with pre-requisite knowledge in the described field Candidate should have 2+ years of experience in html design and development
Open source enthusiast
Must have insight in programming, self-motivated, committed and critical thinker.

Post 4:- Maintenance Engineer

The primary role of the maintenance engineer is to maintain the existing pilot plants/laboratory equipment procured/developed in the domain of Mechanical/Electrical/Instrumentation under virtual laboratory project. The Engineer is required to work closely with software developers for deployment and testing of existing software models on a specially designed web based framework.

Requirements:-

Candidate must possess related experience at least of 6 months on a similar project Knowledge of designing and commissioning pilot plants will be preferred
Knowledge of control systems used in Automation

Minimum skill/Qualifications:

Minimum qualification BE/B.Tech. in relevant field of engineering
Candidate should have minimum 6 months of experience in plant testing/maintenance or similar activities
Must have insight in programming, self-motivated, committed and critical thinker.

HOW TO APPLY:-

Please send your duly filled updated resume with latest passport size photograph, self attested academic and professional certificates to the following address on or before 31st May 2017 till 5 pm: Soft copies are also acceptable and can be sent to **sda.instru@coep.ac.in**

Late (due to any reason) or incomplete applications will be rejected without any reason. Any information found false/incorrect during scrutiny or even after appointment will be treated as illegal and the appointee will be terminated without any reason. The terms and conditions for appointment and all other relevant processes for selection will be governed as per project/COEP rules.

(Please mention the post applied for on the envelope or in the subject line)

Prof.S.D. Agashe
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Shivajinagar, Pune 411005