

Summer Internship 2019, with Virtual Labs IIT Bombay.

Internship details mentioned below (4 pages)

Job Code 01 Front End Designer

- Should be proficient in HTML, CSS, Bootstrap, Javascript, JQuery, Ajax.
- Should be expert in UI/UX design.
- Should have strong knowledge of CSS Preprocessing (Sass, LESS), Responsive Design
- Responsible for Cross Browser Testing.
- Should have good testing and debugging skills.
- Knowledge of how to work on VirtualBox.
- Knowledge of using version control software : Git.

To apply :

- A. Mandatory** Certificate Course work in
 - a. <https://www.udemy.com/front-end-web-development/>
 - b. <https://www.udemy.com/complete-front-end-web-developer-bootcamp/>
 - B. Contact your Virtual Labs Nodal Coordinator** and send the following details to them.
 - a. Full name
 - b. Education details.
 - c. Github Profile link
 - d. The above two mentioned coursework completion Certificate.
 - C. Deadline :** 25th May 2019.
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Job Code 02 PHP Developer

- Strong knowledge of Core PHP and OOPS concepts.
- Excellent object-oriented design and programming skills.
- Should have in-depth Knowledge of PHP, MySql, Javascript, AJAX and JQuery.
- Should be proficient in developing complex web applications using PHP.
- Should have good working knowledge of Linux and have knowledge of LAMPP/WAMP setup and apache server.
- Should have good debugging skills.
- Knowledge of how to work on VirtualBox.
- Strong knowledge in RDBMS (preferably MySQL) with the ability to write complex/optimized SQL queries.
- Experience in application and database designing.
- Should be able to develop modules independently and perform Unit testing.
- Responsible for web security.
- Desired Skills - PHP Framework (Codeignitor/Laravel/CakePhp)
- Knowledge of using version control software : Git.

To apply :

- A. Mandatory** Certificate Course work in
 - a. <https://www.udemy.com/learning-dynamic-website-design/>
 - b. <https://www.udemy.com/php-7-and-mysql-from-scratch/>
- B. Contact your Virtual Labs Nodal Coordinator** and send the following details to them.
 - a. Full name
 - b. Education details.
 - c. Github Profile link

- d. The above two mentioned coursework completion Certificate.
C. Deadline : 25th May 2019.

Job Code 03 Database Developer

- Strong knowledge in RDBMS (preferably MySQL) with the ability to write complex/optimized SQL queries, stored procedures etc.
- Experience in application and database designing.
- Knowledge of backups, restores and recovery models, performance tuning
- Has good debugging skills
- Has good analytical and problem-solving skills
- Should have good working knowledge of Linux and have knowledge of LAMPP/WAMP setup and apache server.
- Should have knowledge of MySql, Javascript, AJAX and JQuery.
- Knowledge of how to work on VirtualBox.

To apply :

A. Mandatory Certificate Course work in

- a. <https://www.udemy.com/the-ultimate-mysql-bootcamp-go-from-sql-beginner-to-expert/>
- b. <https://www.udemy.com/database-testing-tutorial/>
- c. <https://www.udemy.com/database-normalization-simplified/>

B. Contact your Virtual Labs Nodal Coordinator and send the following details to them.

- d. Full name
 - e. Education details.
 - f. Github Profile link
 - g. The above three mentioned coursework completion Certificate.
- C. Deadline : 25th May 2019.

Job Code 04 Django Developer (Backend and API)

- Strong programming skills in Python and Django.
- Clear understanding of HTTP and RESTful APIs.
- Design and build scalable REST APIs.
- CRUD operations.
- Develop, test, tune for performance and deploy web services.
- Has good analytical and problem-solving skills.
- Should have good working knowledge of Linux and have knowledge of LAMPP/WAMP setup and apache server.
- Unit Testing in Python.
- Hands on experience with MySQL or other RDBMS
- Knowledge of how to work on VirtualBox.

To Apply :

A. Mandatory Certificate Course work in

- i. <https://www.udemy.com/django-2/>
- ii <https://www.udemy.com/build-a-python-rest-api-with-the-django-rest-framework/>

B. Contact your Virtual Labs Nodal Coordinator and send the following details to them.

- i. Full name
- ii. Education details.
- iii. Github Profile link
- iv. The above two mentioned coursework completion Certificate.

C. Deadline : 25th May 2019.

Job Code 05 DevOps

- Code management best practices such as branching, merging & integration strategies with Git.
- Knowledge of working with Hypervisor. (Vmware, Virtualbox, KVM)
- Management of continuous integration servers and creating CI/CD pipelines.
- Application deployment using Docker.
- A working understanding of code and scripts using any language (Perl, Python or Ruby).
- Knowledge of database installation, tuning and replication (MySQL).
- Has good analytical and problem-solving skills.

To Apply :

A. Mandatory Certificate Course work in

- i. <https://www.udemy.com/devops-training/>
- ii <https://www.udemy.com/devops-masterclass/>

B. Contact your Virtual Labs Nodal Coordinator and send the following details to them.

- i. Full name
- ii. Education details.
- iii. Github Profile link
- iv. The above two mentioned coursework completion Certificate.

C. Deadline : 25th May 2019.

Job Code 06 Web Animator

- Working knowledge and experience with Inkscape
- SVG : Shapes, Transitions, Bezier Curves.
- SVG : Icons, animations. Vector Graphics
- HTML CSS JS based animations.

To Apply :

A. Mandatory Certificate Course work in

- i. https://spoken-tutorial.org/tutorial-search/?search_foss=Inkscape&search_language=English
- ii. <https://www.udemy.com/inkscape-icon-design/>
- iii <https://www.udemy.com/makesvgsforwebanimation/>
- iv. <https://www.udemy.com/complete-svg-course-create-vector-graphics-with-html-svg/>

B. Contact your Virtual Labs Nodal Coordinator and send the following details to them.

- i. Full name
- ii. Education details.
- iii. Github Profile link
- iv. The above four mentioned coursework completion Certificate.

C. Deadline : 25th May 2019.

(Vlabs IIT Bombay, does not endorse Udemy. The above course are recommended as they match with our development requirements.)

Note :

1. The Internship is for 2 months full time.
2. Accommodation shall not be provided by Vlabs IIT Bombay.
3. No Stipend or financial assistance from Vlabs IIT Bombay.
4. Certificate shall be issued only after successful completion of the two months internship.
5. Candidate has to apply through the Vlabs Nodal Coordinator, email enquiries/applications shall not be accepted.