



**Visvesvaraya Technological University**  
"Jnana Sangama", Belagavi-590018 Karnataka



Ref: CPC Drive – 27/2020

Date: 19<sup>th</sup> Aug 2020

**Opening for**

**B.E/B.Tech  
(CSE,ISE,IT,ECE)**

**2019 & 2020 PASS  
OUT**



**DRIVE  
27**

**Supports the\*  
Recruitment drive  
For  
Takvaviya Analytics (P) Ltd**



**Recruitment Partner**

### Company Profile:

**About us:** We are an image analytics company passionate about image data sciences and its capability to solve complex industrial problems using fundamental math and computation. We apply our algorithms and solutions to industry defined use cases in a simple and efficient manner thereby creating sector specific products / tools.

Our solutions enable large scale asset management, asset protection and monitoring to be simpler, efficient and cost saving. We provide solutions and services to Solar PV developers, EPC contractors, seed companies, fertilizer industries, contract farmers and infrastructure consultants.

Having executed projects in India, US, UAE, Zambia and Srilanka, our team has the thorough tech know-how on industry standards of data acquisitions, field operations and data integration. With significant expertise on GIS, deep learning and image processing, we are a unique blend of people working towards a common goal.

**WEBSITE:** <http://takvaviya.com/index.html>

<http://takvaviya.com/careers.html>

**About Ethnus:** Founded in 2007 with a single-minded objective of bringing about a qualitative change in campus recruitments, Ethnus has carved a niche for itself by focusing on mentoring and consulting at the grass root levels; be it students, colleges or even training programs. Our understanding so far tells us that most students need to cover a lot of ground in basic aptitude skills, communication, exposure to relevant industries and interpersonal abilities. Ethnus makes every effort to plug this gap and make every student industry-ready.

**Website:** <https://ethnus.com/>

## POSITION

We are looking for a self-motivated and passionate individual, with a strong desire to learn and the ability to take care of drone electronics and data acquisitions.

- **Full-Stack Developer**
- **Software Developer (Angular)**
- **UI/UX Designer**
- **Back-End Developer**

### JOB ROLE 1: FullStack Developer

The FullStack Developer primarily participates in designing and implementing new services as well as participates in customer delivery. It will be possible to influence your work profile based on your interests.

While not mandatory, a generic understanding of user interfaces and being able to position oneself as an end-user is highly desirable. We appreciate also prior knowledge of the Image Processing domain.

We are looking for well-rounded people who care about their craft and understand software development. While we value a formal degree in computer science we do not require one - a candidate with a strong background, open mind and ability to learn would be an ideal addition to our team.

#### Responsibilities:

- Develop and Integrate Django backend and API's with frontend framework.
- Develop Angular applications
- Working closely with UX and Front-end Developers
- Participating in architectural, design and product discussions
- Designing and creating RESTful APIs for internal and partner consumption
- Working in an agile environment with an excellent team of engineers

#### Requirements:

- Good experience of Python coding skills
- Good experience developing Angular applications into production
- Good experience with the Django REST framework
- Strong understanding of the Angular framework as well as javascript, jQuery and HTML/CSS
- Good experience on designing and structuring of database most likely ORM (i.e. MongoDB)
- Knowledge of how to build and use with RESTful APIs
- Strong knowledge of version control (i.e. git, svn, etc.)
- Experience deploying Python applications into production

### JOB ROLE 2: Software Developer

#### Requirements:

- Good experience on Angular 2+
- Extensive experience in at least one modern JavaScript MV-VM/MVC frameworks (Angular2+, JQuery, NodeJS, GruntJS)
- Strong expertise with HTML, CSS, and writing cross-browser compatible code
- Good understanding of AJAX and JavaScript Dom manipulation Techniques
- Experience in JavaScript libraries
- Experience in TypeScript
- Experience with complex Angular2+ modules, components, services, and dependency injections

- Good experience in the Integration of REST APIs

**Responsibilities:**

- Develop user interfaces with the latest frontend technologies
- Research, analyze, and develop product features of increasingly complex nature
- Code tested and documented JavaScript, HTML, CSS.
- Make design and technical decisions for Angular projects

**JOB ROLE 3: UI/UX Designer**

As a UI/UX Designer, you are responsible for the concept creation, design, and execution of our products. Working closely with the Product Manager and Technology teams plays a crucial role in bringing our product strategy to life. Reporting to the Head of Products, Lead Product Designer is responsible for the creation of compelling user experiences that solve real customer and business needs.

**Requirements:**

- Good experience as a UX Designer, UI Designer, and Frontend developer
- Background in project management and research
- Familiarity with interaction design and information architecture
- Knowledge of Bootstrap 4, Material design and other latest libraries
- Knowledge of HTML5/CSS3; JavaScript is a plus

**Responsibilities:**

- Understand product specifications and user psychology
- Conduct concept and usability testing and gather feedback
- Create personas through user research and data
- Define the right interaction model and evaluate its success
- Develop wireframes and prototypes around customer needs
- Find creative ways to solve UX problems (e.g. usability, findability)
- Should need to understand and implement the latest style libraries on the frontend
- Communicate design ideas and pro

**JOB ROLE 4: Backend Developer****Requirements:**

- Good experience of Python coding skills
- Good experience with the Django REST framework
- Strong understanding of the Frontend framework
- Good experience on designing and structuring of database most likely ORM (i.e MongoDB)
- Knowledge of how to build and use with RESTful APIs
- Strong knowledge of version control (i.e. git, svn, etc.)
- Experience deploying Python applications into production
- Good experience on Apache services
- Knowledge of cloud services is a plus

**Note:** Accommodation Travel & Food will be taken care by the company for the deputation.

**ACADEMIC ELIGIBILITY CRITERIA**

**Qualification/ Degree :** B.E./B.Tech 60% aggregate across UG, 12<sup>th</sup> & 10<sup>th</sup>

Branches- CSE, ISE, IT, ECE

**Selection Process -** Online test & Interview

**Salary** – 4.5 LPA – 6.5 LPA

**Registration Link to apply(Registration closes on 21-08-2020)**

<https://bit.ly/3ax0Hut>

Candidates are advised to register through the below **VTU CPC link also after registering** in the above registration link

[https://docs.google.com/forms/d/e/1FAIpQLSfLjRhg5lTKIBWNPc-fz3ZUT\\_ibugERK2OL7\\_PEuVPZiWGwhw/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLSfLjRhg5lTKIBWNPc-fz3ZUT_ibugERK2OL7_PEuVPZiWGwhw/viewform?usp=pp_url)

**VTU CPC wishes all the candidates a prosperous career ahead.....**

\*VTU CPC is only a platform to link the recruiter and the candidates. The candidates are advised to take maximum care in selecting the recruiter and terms & conditions of appointment. VTUCPC is not responsible for any lapses in the agreement between the candidate and their recruiter.

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**Dr. Binoy Mathew, Director, VTU-Centralized Placement Cell(CPC)**

**Email: [placement@vtu.ac.in](mailto:placement@vtu.ac.in)**