Bangalore, Karnataka
India. PIN - 560037

VRUSHANK PATEL

GitHub | LinkedIn | Coders-rank

(+91) 9601501725
Vrushankpatel5@gmail.com

EMPLOYMENT

Software Engineer **Capsystematic technologies pvt ltd.** **Dec 2019 - Present**

- Working as a full time Software engineer for treasury software development.
- Responsible for the analyzing, coding, unit testing and documenting of software components and features, also investigating problem areas, determining operational feasibility by evaluating analysis, problem definition, requirements, research, and development.
- Contributing to each project in development phase (analysis, development, test) and delivering new features in agile and scrum.

SDE intern **Capsystematic technologies pvt ltd.** **Sep 2019 – Dec 2019**

- Worked as a Software engineering internee for three months on financial application development for treasury and banking applications with Java based technologies.
- Learned and understood the workflow, industrial coding standard and design strategies.
- **Employee attendance management system** : Designed and built a full working prototype (Desktop Application) for HRMS by implementation of one of my idea in under 3 months.

LANGUAGES AND TECHNOLOGIES

- Programming Languages - Java, Python.
- Database – MySQL, Elasticsearch.
- Libraries and Frameworks - Spring Boot, Django, Flask, Apache Kafka, Orika.
- VCS - Git, Mercurial, GitHub, GitLab, Kallithea SCM.
- IDEs and Platforms – IntelliJ IDEA, PyCharm, Eclipse, Linux.
- Other – Reactive Microservices, Pub-Sub (GCP), ReactJS (Basic), Docker, JIRA.

EDUCATION

Ahmedabad, India **Apollo institute of engineering** **July 2015 - May 2019**

- B.E. in Information technology under Gujarat technological university. CGPA: 8.24/10
- Main coursework: Data Structures, Design and analysis of Algorithms, Systems Design, RDBMS, Operating Systems, Software Engineering, Artificial Intelligence, Internet of Things.

MAJOR PROJECTS

- **Complexica** : Web app to convert the black and white photos into coloured in just a few clicks. The output images look like they were taken using a digital camera. Complexica API uses deep learning model (Caffe model) to transform the B/W image into beautiful coloured one, this model is trained to add colour in the black and white photo based on photo's black and white colour intensity, ratio, and exposure. Technologies that I used for this project are Python (Caffe, OpenCV, NumPy, Flask), ReactJS, Firebase & Heroku (Deployment).
- **Quortex** : Question-Answer based web application created using Spring boot (REST-Services), Nginx (Reverse proxy & API Gateway) and Vue-material (Web-client). I created this project as a part of Q/A site of Eduwiz for students.
- **Eduwiz :** Created school management system project using Python-Django, to manage day-to-day administrative task of the school, with the User account control facility for the users like admin, student, clerk, faculty etc.
- **More projects.**

ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES

- Virtual internships : **JP Morgan Chase**, **Goldman Sachs**.
- **Deep learning Nanodegree.**
- **Coursera (**Stanford**) : Divide and Conquer, Sorting and Searching, and Randomized Algorithms.**
- **Coursera (**Google**) : Crash course on Python.**