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 fintech software development where I am responsible for the analyzing, programming, unit testing and documenting of software components and features. Mostly worked on Java, Spring Boot, Informix, Docker, Apache Camel, Apache CXF, Orika, Mapstruct.
- Worked on more than 750 development tickets, developed SOAP and REST services and delivered ESB based solutions for delivering messages (like Swift MT and MX) from and to multiple different endpoints (like DB, MQ, SOAP, HTTP, Filesystem).
- Tool-Suite : Designed a tool to automate the generation of mapping code based on procedures and given data to improve the productivity. Used ReactJS, Python flask, Firebase and Postgres.

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

- Worked with Software engineering team for three months on fintech software development for financial and banking solutions with Java based technologies.
- Learned and understood the workflow, industrial coding standard and design strategies.
- **Employee attendance management system** : Designed Employee attendance management system, used Java, JDBC, MySQL.

LANGUAGES AND TECHNOLOGIES

- Programming Languages - Java, Python.
- Databases – MySQL, Informix, Elasticsearch, MongoDB.
- Libraries and Frameworks - Spring Boot, Django, Flask, Apache Kafka.
- VCS - Git, Mercurial, GitHub, GitLab, Kallithea SCM.
- Other – Reactive Microservices, GraphQL, Pub-Sub (GCP), Docker, Apache Camel.

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** : (2021) Web app to convert the black and white photos into coloured in just a few clicks. The output images look like they were taken coloured. Developed a deep learning model (Caffe model) to transform the B/W image into a coloured one, this model is trained to add colour in the black and white photo based on photo's b/w colour intensity, ratio, and exposure. Technologies that I used for this project are Python (Caffe, OpenCV, NumPy, Flask), ReactJS, Firebase & Heroku.
- **Quortex** : (2020) 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 :** (2018-19) 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.**