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VRUSHANK PATEL

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EMPLOYMENT

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

- Working as a full time Software engineer for enterprise software development where I am responsible for the analyzing, programming, unit testing and documenting of software components and features.
- Contributing to each project in development phase (analysis, development, test) and delivering new features in agile and scrum.
- Tool-Suite : Designed an automation project for productivity that can be used to generate the code based on given data (like procedures and sample data).
- DE-Board : Built a streaming based two-way white board for conducting the telephonic coding interview. I used server-side caching and socket streaming.

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 for HRMS by implementation of one of my ideas in under 3 months.

LANGUAGES AND TECHNOLOGIES

- Programming Languages - Java, Python.
- Storage Paradigms – MySQL, Informix, HazelCast, Elasticsearch.
- Libraries and Frameworks - Spring Boot, Hibernate, Django, Flask, Apache CXF, Apache Kafka, Apache Camel, Orika, Mapstruct.
- VCS - Git, Mercurial, GitHub, GitLab, Kallithea SCM.
- IDEs and Platforms – IntelliJ IDEA, PyCharm, Eclipse, Linux.
- Other – Familiar with Reactive Microservices, Pub-Sub (GCP), ReactJS, Docker, Portainer.

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.**