

## EMPLOYMENT

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**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, Python Flask, Informix, Docker, Apache Camel, Apache CXF, Orika, Mapstruct.
- **Zeus-GPI (General process interface)** - 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).
- **Zeus-CMS (Card management System)** - Developed REST services for corporate cards and Payments for back office that serves both Acquires and Issuers and is typically used by banks and payment service providers.
- **Tool-suite** - Designed and developed an automation tool that generates the code (POJOs and Mappings) from SQL procedures and Swift MT and MX messages.

**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

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

## EDUCATION

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**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

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- [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.](#)