
EMPLOYMENT

Software Development Engineer	Alacriti Infosystems Pvt. Ltd.	June 2019 - Present
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April 2020-Present

- Design and build RESTful APIs that gets exchange rates from global markets and apply margins for FX transactions, resulting in the increased revenue of banks.
- Architect and implement cloud native design to deploy microservices in AWS. Developed scheduling mechanism with event pipelines to automate various components of application execution.

June 2019 - April 2020

- Designed and implemented prototype for a facial recognition system with real-time streaming of 10+Mb/s data by creating resilient data pipelines with kafka.
- Increased the processing speed of high resolution video frames from 5fps to 8fps by parallelizing the execution of various components.

Full Stack Developer, Intern	ZestIoT Technologies Pvt. Ltd.	December 2018 - June 2019
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- Worked as a part of the team building features to provide visibility of ground operations for airlines & airport operators.
- Designed and implemented GPS tracking to visualize routes taken by ground equipment and alert notification system on delays which increased the aircraft turnaround performance by 4-5% (savings of 10-15\$ per min).

Languages and Technologies

- Programming Languages - Java, Python, C++ (basic)
- Operating System - Linux
- Database - MySQL, NoSQL(DynamoDB, MongoDB)
- Frameworks and tools - Eclipse, Spring Boot, Angular
- Others - AWS, Docker, GitHub, Maven, Jira, Apache Kafka, Nginx

EDUCATION

Hyderabad, India	ICFAI Foundation For Higher Education	July 2015 - May 2019
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- B.Tech. in Computer Science and Engineering. CGPA: 7.64/10
- Main coursework: Data Structures, Design and analysis of Algorithms, Artificial Intelligence, Database Systems, Operating Systems, Software Engineering, Cloud Computing.

B.TECH. MAJOR PROJECT

- Developed an e-commerce application "bookbit" for used books & hosted the application in AWS.

ACHIEVEMENTS AND RESPONSIBILITIES

- Visa Dev Community Spotlight Jan 2020 (<https://community.developer.visa.com/t5/Blogs/January-Visa-Dev-Spotlight-Swarit-Sharma/ba-p/14182>).
- Won intra college football tournament V.S.L. 3.0 & Olympia 2018 and captained ICFAI UG team for BITS Arena 2018.