Shwetha Shyam Bhandary

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EDUCATION

Master of Science, **Computer Software Engineering**   Aug 2022 – May 2024
San Jose State University, California

Bachelor of Engineering, Computer Science and Engineering   Aug 2016 – May 2020
Visvesvaraya Technological University, India.
GPA: 8.3/10.0

TECHNICAL SKILLS/ KNOWLEDGE

Programming Languages: Java, C, C++, Python
Web Technologies & Frameworks: HTML, CSS, SpringBoot, Bootstrap, PHP, Angular5, React
Database: MySQL, Oracle 11c, PostgreSQL
Operating System: Windows, Linux
Knowledge: Data structures, Data Mining, Cloud Technologies, AWS, DNS, DHCP

WORK EXPERIENCE

Software Engineer– Infosys (Bengaluru, India)   Apr 2021 – Apr 2022
- Developed an App immigration project for largest Airline based in Hong Kong as a Java backend developer **enhancing efficiency of code by 27%.**
- Employed Spring technology for integrating backend; Converted entire Oracle DB to PostgreSQL and also used SonarQube for clean coding and **reducing 90% of code smells**.
- Performed testing, Quality assurance and deployment of code to production.
- Teamed up with Lead with **on-boarding process** of new teammates and also **conducted demos** on project to customer.
- Secured "**Insta Award**" among 53 colleagues for excellent performance.

Software Engineer Trainee– Infosys (Mysore, India)   Nov 2020 – Apr 2021
- **Led a team** of 4 and delivered a project using SpringBoot as Backend; Angular, bootstrap and CSS for front end; REST API, Oracle DB which **reduced the delay by 48%**.
- Credited as **high performer** among top 20% in the given tenure.

PROJECTS

Drone-Verse   **React | Nodejs | MySQL | AWS | Figma**
- Designed and developed an application that allows farmers to rent drones, track them, and generate agricultural reports in order to increase crop productivity.
- A cost-effective method of providing high-end services to farmers was provided.

Fault Management System   **Angular5 | SpringBoot | MySQL**
- Implemented a Web-client application to handle complaints for Internet Service Providers. Used to recognize complaints and give solution based on type of complaints to avoid delays.
- The delays were observed to be **reduced by 28%.**

Repair Work Management Software   **HTML | CSS | PHP | MySQL**
- An application proposed for undergrad College. To eliminate manual task and deliver repair work service quickly by cut shorting processing times.
- **Speeded up process by 25%** in an average and is currently operated by **50+ faculty** members.

Glassdoor Clone   **React.js | Kafka | MySQL**
- Built a Glassdoor clone utilizing the MERN stack that allows current and former employees to anonymously evaluate businesses.
- Used Kafka to increase efficiency while serving **more than 20,000 customers** at once; caching services significantly decreased the turnaround time for requests.
- Secure all access points to **databases and backend services**, blocking any efforts to obtain unauthorized access to the system.