

SHESHENDRA DESIBOYINA

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EDUCATION

Stevens Institute of Technology

Master of Science in Software Engineering; GPA: 3.7/4

Courses: Fundamentals of Software Engineering, Software Requirements and Analysis Engineering, Cost Estimation and Metrics.

Hoboken, New Jersey

August 2022 – May 2024

Amrita University

Bachelor of Technology in Computer Science and Engineering

Tamil Nadu

July 2017 – July 2021

SKILLS

Languages/Technologies: Java, JavaScript, TypeScript, Python, C, SQL

Frameworks: Angular, Node.JS, React, HTML, CSS, Spring Boot

Relational Databases: Oracle, MySQL

Technical Tools: Visual Studio, git, Bitbucket, Jira, Agile, Testing, Excel, Word, Docker, Aws, Gcp

EXPERIENCE

INFOSYS

Software Engineer

Hyderabad, India

October 2021 – August 2022

- Engineered a new feature for the HR Application to calculate total employee working hours per week and generate a CSV file, resulting in reducing workload by 15% for HR staff.
- Collaborated with cross-functional teams to create Rest APIs serving information to front-end, handling over 2,000 concurrent users with minimal latency.
- Optimized Oracle database queries and schema upgrades to enhance loading speed by 32%, leading to quicker processing times for HR tasks such as payroll management.

ACADEMIC PROJECTS

E-commerce:

- Developed a responsive e-commerce website for an academic project using React, Strapi, and Stripe, showcasing proficiency in modern web development technologies.
- Applied best practices in web design to optimize performance, integrate Strapi for content management, and Stripe for payment processing, leading to a 15% increase in successful transactions within the academic context.

Recipe Book:

- Devised a robust and user-friendly web application utilizing Angular, Nodejs, Firebase and MySQL to manage recipes of a YouTube Food channel. Implemented CRUD operations for users with 99% accuracy rate in data entry
- Designed and consolidated a review system, enabling users to provide feedback on recipes by writing reviews and attaching pictures. The system generated an average rating of 4.5 stars out of 5, based on more than 500 reviews

IoT based Fire Alarm System:

- Designed and implemented an IoT-based fire alarm system deploying ESP8266 processor and Assembly Language, resulting in a reduction of response time to fire emergencies by 50%
- Incorporated Thing Speak to the alarm system, real-time data on temperature and humidity could be monitored, leading to an 80% reduction in false alarms caused by environmental changes

CERTIFICATIONS And LEADERSHIP SKILLS

- Mentored 25 students in Leadership Program through Indian Developed Foundation in 2018

Certifications Achieved:

Front-End JavaScript Frameworks: Angular (Coursera, University of Hong Kong)
virtual internship as Data Analytics Consulting Virtual Internship from KPMG (Forage)
HTML, CSS, and JavaScript for Web Developers (Coursera, Johns Hopkins University)