Sheshendra Desiboyina

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EDUCATION

Stevens Institute of technology   **Hoboken, New Jersey, USA**
Master of Science in Computer Software Engineering   *Sep 2022 - May 2024*
Amrita University   **Coimbatore, Tamil Nadu, India**
Bachelor of Technology in Computer Science and Engineering   *July 2017 – July 2021*

WORK EXPERIENCE

Software Engineer
stealth startup, Remote, USA   *September 2023 - Present*

- Led the development of a responsive React front-end, resulting in a 20% increase in mobile conversion rate and a 95% user satisfaction rating.
- Established a scalable Node.js and Express.js back-end infrastructure, reducing data processing time by 30% and improving system uptime by 99.5%.
- Utilized MongoDB for efficient and secure data management, enabling rapid retrieval of critical business data within 100 milliseconds.

Software Engineer
Infosys, Hyderabad, India   *June 2021 - August 2022*

- Developed Spring Boot microservice with optimized SQL (20% faster queries) and Spring Batch CSV generation, saving HR staff 15 hours per week.
- Collaborated to build RESTful APIs with Spring Boot and Angular, achieving 50ms average response time and 60% improvement with Redis caching.
- Designed responsive interface with Bootstrap, reducing user training time by 10% and ensuring accessibility compliance.

Software Intern
Infosys, Hyderabad, India   *June 2019 - May 2021*

- Developed and implemented comprehensive unit test cases for the data access layer and business logic using JUnit5, significantly increasing code coverage from 35% to 90%.
- Successfully optimized Oracle database queries and schema upgrades, resulting in a 32% improvement in loading speed, leading to faster processing times for employee onboarding and data retrieval.
- Leveraged Log4j to implement a robust logging framework, facilitating debugging, application monitoring, and faster troubleshooting, leading to improved development efficiency.

PROJECTS

- **E-commerce Website**, Designed an interactive e-commerce website for an academic project using React, Strapi, and Stripe, showcasing proficiency in modern web development technologies. Leading to a 15% increase in successful transactions within the academic context.
- **Notes App**, Developed a responsive React-based UI for seamless note management, supported by a stable Node backend communicating with MongoDB for real-time updates. Integrated delete functionality and enabled global access by hosting on Vercel.
- **Tic-Tac-Toe Game**, Built a Python Tkinter-based GUI for a dynamic Tic-Tac-Toe game with single-player and two-player modes. Integrated the ran-dom library for challenging single-player moves, offering an engaging gaming experience. Enables friendly competitions in two-player mode.
- **Recipe Book**, Developed a user-friendly recipe management web app using Angular, Node.js, Firebase, and MySQL for a YouTube Food channel. Achieved 99% accuracy in CRUD operations for user data entry. Implemented a review system with picture attachments, resulting in an average 4.5-star rating from 500+ reviews.

TECHNICAL SKILLS

Java, JavaScript, TypeScript, Python, C, SQLAngular, Node.JS, React, HTML, CSS, Spring Boot, Go, ExpressOracle, MySQL, git, Jira, Agile, testing, Excel, Word, Docker, Aws, Gcp, Git, Maven,Figma

EXTRACURRICULAR ACTIVITIES AND CERTIFICATIONS

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