SATYA SHANTHI TADIPARTHI

satyashanthitadiparthi@gmail.com | +1 980-401-0694 | linkedin.com/in/satya-shanthi

EDUCATION

Masters of Science in Information Technology **May 2024**
University of North Carolina, Charlotte *3.7/4*
Bachelor of Technology, Electronics, and Communication **Sept 2020**
Mallareddy Engineering College for Women *3.6/4*

SKILLS

Languages:	JavaScript, Java, SQL, PL/SQL, C, Python
Web Technologies:	HTML, CSS, Bootstrap, NodeJS, ReactJS, ExpressJS, AngularJS, Vuejs, XML
Database:	MySQL, MongoDB, Oracle Database, Firebase
Frameworks and tools:	Visual Studio Code, Git, Figma, Power BI, Eclipse, Android Studio, Android framework

WORK EXPERIENCE

Software Development Engineer (Full stack developer) **Dec 2020 - Dec 2022**
Accenture Solutions Private Limited *Hyderabad*
Tech Stack: *Java, React, AWS, RestfulAPIs, Oracle database, SQL Server*

- Architected and established the foundational structure for React-based frontend and robust backend systems, incorporating best practices, resulting in an 80% reduction in project initiation time.
- Maintained comprehensive documentation for all front-end applications, promoting a cohesive approach, leading to a 40% improvement in onboarding efficiency.
- Created shared UI components like Stepper, Snackbar, and Progress Spinner, enhancing reusability and decreasing development time by 30%.
- Designed and optimized SQL statements and PL/SQL procedures, enhancing database interactions, improving data retrieval efficiency by 25%, and conducting performance tuning for faster data access.
- Upheld code quality by adhering to clean coding practices and SOLID principles, resulting in a 25% decrease in bug rates. Conducted code reviews, improving team code quality by 20%.
- Demonstrated expertise in configuration management and version control using Git, streamlining development, and reducing merge conflicts by 40%.
- Exhibited exceptional skills in backend development by leading Node.js projects with HTML5 and CSS3, creating advanced RESTful APIs to automate email templates, and reducing manual effort by 80%.
- Successfully deployed the website on AWS, achieving 99.9% uptime and ensuring reliable access for event participants over 12 months.

Software Engineer **Jan 2020 - Nov 2020**
VN Career Solutions Pvt Ltd *Hyderabad*
Tech Stack: *React, Node.js, Javascript, NoSQL (MongoDB), JWT, Postman, Netlify*

- Engineered responsive user interfaces using React, HTML, and CSS, enhancing usability and accessibility by 25% and ensuring cross-browser compatibility.
- Designed and integrated RESTful APIs with Node.js and Express.js, optimized MongoDB (NoSQL), and improved query performance by 30%.
- Implemented robust authentication and authorization using JWT and OAuth, enhancing security by 40%, and activated scalable applications on Netlify, achieving 99.9% uptime.
- Collaborated in Agile sprints, preserved code integrity with Git/GitHub, boosted user engagement by 20%, and reduced page load times by 35% through performance optimizations.

PROJECTS

Personal Budget Tracker **Sep 2023 - Dec 2023**

- Crafted and launched a Personal Budget Tracker, streamlining income and expense tracking for financial management for about 1,000+ users.
- Enabled effective data organization through categorizing, editing, and deleting 3000+ financial transactions.
- Introduced an analytics dashboard for visual insights into spending habits, benefiting 80% of the user base in financial planning.

HEMO - Blood Donation Mobile Application **Jan 2023 - May 2023**

- Conceptualized and independently built the HEMO mobile app, facilitating connections between 300+ patients and 150+ donors using Java and Firebase.
- Produced and implemented features for blood request management, donor registration, and appointment scheduling, enhancing the user experience for 500+ users.

Employee Management Portal **Mar 2020 - Jul 2020**

- Built an employee management application to track activities, project engagements, and billability metrics.
- Incorporated features for analyzing project types and tracking individual employee contributions and billability.

CERTIFICATIONS

- CISCO CLA, CISCO CPA, CISCO CPP **Mar 2023**
- Microsoft Tech Associate for HTML5 Application Development **Jul 2023**
- Microsoft Tech Associate for Software Development Fundamentals **Jan 2024**