Praneeth Reddy Penugonda

📞 669-216-7454 🅖 Portfolio �(PraneethReddy) in praneethreddypenugonda ✉ praneethreddypenugonda@gmail.com

Education

San Jose State University | San Jose, CA   Aug. 2023 - May 2025
Master of Science in Computer Software Engineering
Vellore Institute of Technology | Vellore, India   July 2019 - July 2023
Bachelor of Technology in Computer Science and Engineering   *GPA: 3.95/4.00*

Technical Skills

Languages: C/C++, Python, Java, JavaScript, TypeScript, R, PHP, MATLAB, SQL, Object-oriented programming

Web Technologies: HTML, CSS, SCSS, JSON, React, Express.js, Node.js, Nest.js, REST APIs, Angular, .Net

Others: Linux, Visual Studio, Docker, Kubernetes, GraphQL, MS Excel, Postman, Eclipse, Kafka, Node, GIT, MySQL, MongoDB, SQLite, Data Structures, Algorithms, Vite, JIRA, Apache, AWS services, Postgres

Professional Experience

Alexa Skill Developer Intern   April 2022 - July 2022
MOBISPRINT CONSULTING PRIVATE LIMITED   *Hyderabad, IN*
- Reduced the clients' effort by **20%** by giving effective utterances with specific variables for the agent.
- Reduced manual efforts by **85%** by testing the intent and verifying the JSON I/O file thoroughly, including debugging and root cause analysis. Worked with the backend team and created a few slots with NodeJS.

Software Developer Intern   Aug. 2021 - Jan. 2022
MOBISPRINT CONSULTING PRIVATE LIMITED   *Hyderabad, IN*
- Increased clients' earnings by **30 to 40%** by implementing "click to chat" and "click to call" features easily accessible to the users on the homepage.
- Streamlined login process, integrating Redux, Google login, and optimizing client-side endpoints for efficiency.
- Developed and optimized Jenkins and GitLab CI/CD pipelines for efficient automation and static code testing.

Web Developer Intern   Jan. 2020 - April 2020
OXYLATOR TECHNOLOGIES   *Hyderabad, IN*
- Increased user experience by **25%** by developing a login page with web API, a dashboard with a search bar, and a course page, ensuring intuitive user interfaces.
- Implemented microservices architecture for backend services, resulting in improved scalability and maintainability.

Projects

MovieTheater Club application | *React JS, Node JS, APIs, MongoDB, AWS services EC2*
- Led a cross functional team following agile methodologies in developing a responsive application deployed on AWS, utilizing auto-scaled EC2 instances and a load balancer.

Automated Book Locator using Pi | *PHP, jQuery, Bootstrap, Django, SQLite, Python, Raspberry Pi*
- Engineered a dynamic prototype *web application* utilizing Cloudflare, Nginx, and the Django Rest Framework for the back-end, with PHP and jQuery for the frontend. Implemented Raspberry Pi communication via DRF to locate books and trigger lights. showcasing expertise in creating robust and testable code.

Application for Parking Slot in VIT | *HTML, CSS, JS, SQL*
- Led a team in creating an *online smart parking system* using an iterative waterfall model for design and construction, ensuring software lifecycle management from analysis and design, build, QA, security, and deployment. Demonstrated strong collaborative skills in a dynamic environment.

Achievements and Activities

- Completed online certification course "Full-Stack Web Development with React Specialization" in Coursera.
- Core Committee Member for IEEE MTT-S Chapter – hosted a classroom session on wearable technology.
- Technical Team Member for IEEE NPSS students Chapter – Developed website from scratch.