Praneeth Reddy Penugonda

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Education

San Jose State University | San Jose, CA   May 2025
Master of Science in Computer Software Engineering

Vellore Institute of Technology | Vellore, India   Jul 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

Web Technologies: HTML, CSS, SCSS, JSON, React, Express.js, Node.js, Nest.js, REST APIs, Alexa Skills Kit

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

Professional Experience

Alexa Skill Developer Intern   Apr 2022 - Jul 2022
MOBISPRINT CONSULTING PRIVATE LIMITED   *Hyderabad, IN*
- Reduced the clients' effort by **20%** by giving effective utterances with specific variables for the agent
- Decreased the manual efforts by **85%** by testing the intent, verifying the JSON I/O file thoroughly, working with the backend team and creating a few slots with Node.js

Software Developer Intern   Aug 2021 - Jan 2022
MOBISPRINT CONSULTING PRIVATE LIMITED   *Hyderabad, IN*
- Worked to build a web application called 'Sunstone' – an online learning application for students
- 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
- Reduced time and manual effort by expeditiously implementing redux for a new login, reframing google-login architecture, connecting client-side endpoints and creating effective redirects and routes using MongoDB

Web Developer Intern   Jan 2020 - Apr 2020
OXYLATOR TECHNOLOGIES   *Hyderabad, IN*
- Collaborated with a team of five people to build 'Oxycademy', an educational consultant who provides online courses and certifications
- Increased user experience by **25%** by designing and developing a login page with web API, a dashboard with a search bar, and a course page

Projects & Research Papers

MovieTheater Club application | *React JS, Node JS, APIs, MongoDB, AWS services EC2*   Aug 2023
- Developed a comprehensive end-to-end online movie ticket booking platform using Agile/Scrum methodologies, showcasing expertise in developing high-performance, reliable, and maintainable code

Automated Book Locator using Pi | *PHP, jQuery, Bootstrap, Django, SQLite, Python, Raspberry Pi*   May 2023
- Engineered a dynamic web app utilizing Cloudflare, Nginx, and the Django Rest Framework for the backend, 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

A Study on Modern Methods for Detecting Mobile Malware | *Research Paper*   Sep 2022
- Researched and assessed a wide array of mobile malware detection techniques for Android and iOS, spanning from high-precision to less effective methods. Reviewed 218 papers and conducted in-depth investigations into innovative approaches for enhanced detection

Application for Parking Slot in VIT | *HTML, CSS, JS, SQL*   Jun 2021
- Led a team in creating an innovative online smart parking system, addressing issues of inappropriate parking and overcrowding. Implemented an iterative waterfall model for design and construction, providing users seamless access to available parking spaces at VIT. Demonstrated strong collaborative skills in a dynamic environment