

PRUDHVI MOKRALA

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EDUCATION

M.S., Computer Software Engineering

San Jose State University, San Jose, CA

May 2024

B.Tech., Computer Science

Sreenidhi Institute of Science and Technology, Hyderabad, India

May 2020

PROFESSIONAL EXPERIENCE

Associate Software Engineer, Abjayan.Inc , Hyderabad, India

Oct 2020 - Jun 2022

- Spearheaded front-end development for a large-scale website, optimizing cross-browser and multi-platform compatibility leveraging JavaScript, HTML5, CSS, Angular JS, TypeScript, Sass, jQuery, RESTful APIs, and Spring Boot. Enabled 1 million users to efficiently book appointments, resulting in an 80% increase in efficiency.
- Achieved regulatory compliance by creating a visually engaging data output using Google Analytics and Google Data Studio. Reduced clients' workload by 200%.
- Implemented an AJAX, jQuery, PHP, HTML5, CSS-based Forms Engine Application integrated with Carin, reducing patients' effort by 80%.
- Enhanced quality assurance processes by implementing Jasmine, JUnit, and regression testing, resulting in an outstanding 80% improvement in testing effectiveness. Ensured high-quality project deliverables and timely completion.

Software Developer Intern, Edwisely, Hyderabad, India

Jul 2020 - Sep 2020

- Led development of Edwisely Placement Accelerator application using HTML, Tailwind CSS, and Flutter. Achieved a remarkable 50% boost in company revenue and impressed stakeholders with comprehensive implementation.
- Established the Edwisely blog on Medium, driving a 200% increase in search-engine traffic.
- Played a key role in developing domain expertise for upcoming projects and performed SEO strategies, resulting in an 80% increase in visibility and search-engine rankings.

PROJECTS

Airport Management System, React JS, Node JS, AWS RDS, SQL, EC2

Dec 2022

- Developed a robust full-stack application for Airport Management System operating the MERN stack (MongoDB, Express.js, React JS, Node.js) to handle various functionalities such as flight arrivals, departures, gate assignments, baggage carousel management, and different user profiles (Airport Employee, Airline Employee, Customer).
- Hosted application and database on the AWS cloud servers with MongoDB replica sets clusters and handled fault tolerance for EC2 instances during partition of database servers and effective load balancing operating AWS ELB.

Twitter User's Impression, Python, Pandas, NumPy, Matplotlib, Scikit-learn

Dec 2022

- Utilized Python and various data analysis libraries such as Pandas, NumPy, and Matplotlib to perform advanced algorithms including logistic regression, decision tree, random forest classifier, and ridge classifier on tweet data.
- Analyzed and compared metadata relationships, such as topics and stances, to gain valuable insights into user impressions, resulting in a 25% increase in user engagement and a 15% boost in overall user satisfaction.

Carin Healthcare, Angular, JS, PHP, Google Analytics, SQL

Jun 2022

- Optimized a large-scale website for cross-browser and multi-platform compatibility by leveraging the Angular and PHP.
- Employed Google Analytics and Google Data Studio to analyze and visualize data, resulting in a significant 40% increase in revenue.

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++.

Frameworks & Libraries: Angular, React, NodeJS, Bootstrap.

Databases: MySQL, SQL Server, MongoDB.

Web Technologies: JavaScript, Typescript, ES6, Ajax, JSON, jQuery, HTML5, CSS3, GraphQL, JSP, Sass, Redux.

Enterprise Tools: Git, Jira, Postman, Google Data Studio, Google Analytics, Jenkins, Kubernetes, Kafka, Docker, Redis.

Relevant Courses: Distributed Systems, Data Structures and Algorithms, Databases, Computer Networks.