

Saitej Reddy Kapu Prabhakargari

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EDUCATION:

Master of Science in Computer Science

Aug 2022 – May 2024

University of North Texas, Denton, Tx, United States

Coursework: Fundamentals of Database systems, Algorithms, Operating systems, Software validation and testing

Bachelor of Technology in Electronics and Communication Engineering

July 2017 – June 2021

Sastra Deemed University, Kumbakonam, India

TECHNICAL SKILLS:

- **Programming Languages:** C++, Python
- **Web Technologies:** HTML5, CSS3, JavaScript, Bootstrap, Spring Boot, React.js, Redux, Node.js
- **Development Tools:** Visual Studio Code, Gitlab, Jenkins, Jira, Figma,
- **Cloud Computing:** AWS
- **Databases:** MongoDB, MySQL, PostgreSQL, SQLite3
- **Big Data & DevOps:** Hadoop

PROFESSIONAL EXPERIENCE:

Software Engineer, Cognizant Technology solutions, India

July 2021 – May 2022

- Led front-end development for a critical Bank application, designing and updating the interface with custom components, Elevating user satisfaction.
- Demonstrated proficiency in UI modelling for both mobile and desktop screens, utilizing Figma as a reference, resulting in a 25% reduction in development time.
- Leveraged Storybook to accelerate UI development, streamlining the process and increasing productivity by 40% through component isolation.
- Directed the refactoring of React code to the latest version, resolving post-upgrade bugs, ensuring seamless functionality, and reducing error incidents.

Software Engineer Intern, Cognizant Technology Solutions, India

Mar 2021 – July 2021

- Spearheaded the development of a robust employee data management system, leveraging advanced technologies such as Node.js, React.js, MongoDB, and Redux, resulting in an increase in data accessibility and efficiency.
- Orchestrated the seamless integration of third-party APIs, enhancing project functionality and scalability, leading to a 20% decrease in development duration.
- Implemented JWT authentication for login, fortifying project security measures and ensuring data confidentiality, resulting in decrease in unauthorized access attempts.
- Applied Jira for thorough project management and utilized Gitlab for streamlined version control, resulting in project milestones being met with a 95% adherence rate to deadlines.

Software Engineer, Kranion Technologies Private, India

Mar 2019 – Feb 2021

- Directed end-to-end development initiatives, orchestrating conceptualization, development, and deployment processes, Leading to a 20% surge project efficiency.
- Engineered robust frontend and backend components leveraging React.js and Django frameworks, driving the creation of a seamless and scalable web application experience, enhancing user engagement by 30%.
- Optimized database systems encompassing SQLite3 and PostgreSQL, streamlining data storage and retrieval mechanisms, leading to a 25% improvement in application performance and response time.
- Collaborated in code reviews, delivering actionable feedback to uphold code quality and enforce best practices, fostering a culture of continuous improvement and achieving a 15% reduction in bug occurrences.

PROJECTS:

Website for Conducting Soccer Tournament:

- Developed and deployed a website facilitating soccer tournament organization for 500 teams, spanning U9-U19 age groups, ensuring efficient management.
- Implemented the agile approach using Taiga project management platform, tracking project progress with 95% accuracy.
- Applied Spring Boot, React, and Java MongoDB to achieve seamless integration, resulting in improvement in website functionality.
- Streamlined administrative tasks, enhancing user experience through intuitive interface design and robust backend architecture.