

# GIRIPRANAY KONA

React Developer

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## PROFESSIONAL SUMMARY

Expert React Developer with over 5 years specializing in full-stack development and cloud computing. Proven ability to develop scalable applications in dynamic environments, including hands-on experience with React framework. Adept in both backend and frontend development with a strong focus on creating seamless user experiences. Available to work during Pacific Standard Time to support global project needs.

## PROFESSIONAL EXPERIENCE

React Developer, Erik Johnson School of Engineering and Computer Science | May 2023 - May 2024

- Developed and maintained high-quality React code, implementing state-of-the-art web applications, thereby enhancing user interaction and satisfaction.
- Collaborated with cross-functional teams to integrate data via RESTful APIs built on Node.js and Express.js, streamlining backend communication.
- Implemented asynchronous programming with Promises and async/await during state management using Redux, optimizing application performance and responsiveness by 30%.
- Contributed to React open-source projects on GitHub, focusing on responsive design principles using HTML5 and CSS3, improving community engagement and knowledge sharing.

Sr. Software Developer, The Live Green Company | Oct 2020 - Aug 2022

- Led the development of the 'Know Your Food' app, leveraging React, Redux, and Context API to enhance real-time user interactions, resulting in 50% increased app engagement.
- Coordinated Agile sprints to manage tasks, track progress, and ensure timely delivery of high-quality features.
- Architected and deployed Webpack-based module bundling for React applications, optimizing load time by 40%.
- Developed comprehensive unit and integration tests using Jest framework, increasing codebase reliability and coverage by 25%.

Software Developer, Dvara Solutions | May 2019 - Sep 2020

- Developed scalable RESTful APIs and microservices with Spring Boot, facilitating seamless backend integration within high-traffic applications.
- Optimized and refactored complex queries in MySQL and PostgreSQL, reducing database workload and query execution times by 35%.
- Enhanced frontend functionality in AngularJS with debugging and performance optimizations, improving user satisfaction and interface responsiveness.
- Incorporated cloud-based solutions using Docker and Kubernetes for application deployment on AWS, improving system scalability and uptime.

## EDUCATION

Master of Computer Science, Data Science, University of Texas, Dallas | Aug 2022 - May 2024

Focused on advanced data analysis, algorithms, and distributed computing systems.

Bachelor of Science, Electronics and Communication, Indian Institute of Information Technology, Sricity | Aug 2015 - May 2019

Studied core principles of electronics, communication theory, and software engineering.

## TECHNICAL SKILLS

Hard Skills: • JavaScript • React • Redux • Context API • React Hooks • Webpack • HTML5 • CSS3 • Git • Jest • Node.js • Express.js • RESTful APIs • Docker • Kubernetes • AWS • Agile

Soft Skills: • Problem Solving • Communication • Team Collaboration • Adaptability

## PROJECTS

Visualization with Spark Streaming, Kafka, Elasticsearch, and Kibana

- To process and analyze real-time data with Apache Kafka and PySpark.
- To visualize key patterns and insights with Elasticsearch and Kibana.

Result: Successfully implemented a real-time data processing pipeline, enhancing situational awareness and decision-making through visual dashboards.