

Kondeti Sivaji

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Professional Summary

Motivated Software Engineer with a strong foundation in frontend development using **React, Next.js, and TypeScript**. Hands-on experience with **automated testing using Playwright** and a solid grasp of CI/CD pipelines through **GitHub Actions**. Familiar with AWS cloud services, including **EC2, S3, CloudFront**, and **Auto Scaling to deliver scalable** and secure solutions. Excited to bring fresh ideas, quick learning, and a strong work ethic to impactful development and testing projects.

Education

Aditya College of Engineering	Surampalem, Kakinada
Bachelor of Technology in Computer Science	2020 – 2023
Prasiddha College of Engineering & Tech	Anathavaram, Amalapuram
Diploma in Computer Science	2017 – 2020

Technical Skills

Languages: Proficient in JavaScript, TypeScript and C++.

Frameworks and Libraries: ReactJS, Node.js, Next.js, React Native, Redux Toolkit, Zustand, Tailwind CSS, Unit Testing with Jest, React Testing Library, Playwright.

Developer Tools: Git, Github, Github actions, Linux, Docker, AWS EC2, S3, CloudFront and Postgresql.

Projects

Svella Ecommerce [Live Site](#)

- Designed and developed an e-commerce website with a focus on user experience and security.
- Implemented features to support product browsing, **secure payment processing, and order management**.
- Optimised site performance by implementing **CSR, SSG, and SSR, reducing initial load times by 20%**.
- Developed **modular unit and integration tests in Jest**, increasing test coverage for key frontend components and reducing manual testing effort.
- Robust **end-to-end** test automation with **Playwright, validating critical workflows** like authentication, payments, and cart operations to ensure flawless, scalable user experiences.
- Focused on security and quality, thoroughly testing user authentication and payments to create a safe and smooth shopping experience.
- Ensured a secure shopping experience through robust authentication (Clerk) and rigorous testing of all user interactions.
- Built with Reactjs, NextJs, TypeScript, TailwindCSS, Sanity Cms, Clerk, Stripe, and Playwright.

Personal Portfolio website [Live Site](#)

- Developed a personal portfolio website using Next.js 15 to showcase technical skills, professional experience, and key projects with a clean, modern, and fully responsive user interface.
- Implemented static site generation for all pages to achieve faster load times, better performance and SEO performance right out of the box.
- Deployed the static site to AWS S3, ensuring a scalable and cost-effective solution for reliable content delivery.

- Enhanced global performance and security by integrating AWS CloudFront CDN, which minimises latency and prevents direct access to the S3 bucket through fine-grained access controls.
- Implemented HTTPS security by provisioning and configuring an SSL/TLS certificate via AWS Certificate Manager (ACM), ensuring encrypted communications and boosting visitor trust.
- Engineered a fully automated CI/CD pipeline using GitHub Actions to streamline the deployment process. This pipeline automatically builds the latest version of the site and deploys it to production upon every code commit, eliminating manual effort and virtually eradicating the potential for human error during releases.

Google Search Inspired Frontend

[Live Site](#)

- Developed a responsive typeahead search component that implements debouncing with a 300ms debounce delay, reducing **API calls by 60%** while maintaining real-time responsiveness
- Implemented AbortController to cancel outdated search requests during rapid typing, ensuring 100% data relevance and eliminating duplicate/mismatched results.
- Designed pagination with batch **loading (10 items/page)**, enabling smooth browsing of large datasets while reducing initial render load by 60%
- Built with ReactJS, NextJS, TypeScript and Google api's.

Note Taking Application

[Live Site](#)

- Developed a feature-rich note-taking web application using Next.js, Supabase, and React Query, enabling real-time data synchronisation and efficient state management.
- Leveraged Supabase for secure **authentication and real-time database updates**, ensuring seamless Multi-device access to user notes.
- Utilised React Query to optimise data fetching, caching, and background syncing, delivering a smooth and responsive user experience.
- Built with Reactjs, NextJs, TypeScript, Supabase, and React query.

Food Ordering Mobile Application

[GitHub](#)

- Built and deployed a cross-platform food ordering app using React Native, delivering consistent performance and an intuitive user experience across both iOS and Android devices.
- Implemented end-to-end account management features with secure authentication, real-time data syncing via Firebase, and efficient state handling using Redux Toolkit.
- Our system includes the ability to sign up, login, reset forgotten passwords, update email addresses, change passwords, logout, and even delete accounts. Additionally, users can add, update, and remove addresses, making it easy to keep their contact information up to date
- Integrated Stripe for secure and seamless payment processing, ensuring reliable transactions and enhancing overall customer satisfaction.
- Built with Javascript, Reactjs, React Native, Firebase, and Redux Toolkit.

The News Hub

[Live Site](#)

- A news delivery platform with a real-time search for discovering articles based on user interests.
- Integrated media stack APIs for dynamic content fetching, reducing article load time by 20% and providing a seamless, real-time news browsing experience.
- Built with ReactJS, NextJs, TypeScript, Media Stack api.