K Akash Rao

Web Developer | Full-Stack Engineer

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PROFESSIONAL SUMMARY

Full-stack developer with 4+ years of experience building scalable web applications using React, Angular, TypeScript, and Node.js. Specialized in micro-frontend architecture, performance optimization, and REST API integrations. Proven ability to develop reusable components, optimize application performance, and deliver high-quality features in Agile environments. Strong focus on clean architecture, testable code, and user-centric design.

TECHNICAL SKILLS

Frontend: React, Next.js, Angular (13, 17, 18, 19), Astro, Redux, Redux Toolkit, React Testing Library
Backend: Node.js, Express.js, RESTful APIs, GraphQL
Databases: MongoDB, Mongoose, IndexedDB
Styling & UI: Tailwind CSS, SCSS, Bootstrap, Angular Material, Shadcn UI
DevOps & Tools: Git, GitHub, Jira, PM2, NGINX
Languages: TypeScript, JavaScript, HTML5, CSS3
Testing: Jest, Unit Testing, Component Testing, PWA Development
Other: Reactive Programming, Payment Gateway Integration (Cashfree), QR Code Implementation

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PROFESSIONAL EXPERIENCE

EXPERIAN SERVICES INDIA PVT. LTD. | Hyderabad

Software Engineer | September 2025 – Present

- Developed and maintained enterprise-scale micro-frontend applications using **Next.js and React**, improving modularity and independent deployments.

- Built reusable UI components for an internal component library, improving development speed and design consistency across teams.

- Optimized application performance by removing redundant API calls, improving page load efficiency and user experience.

- Implemented analytics event tracking to monitor user behavior and support data-driven decisions.

- Improved code reliability by writing unit and component tests using **Jest and React Testing Library**.

APPVIRALITY TECHNOLOGIES PVT. LTD. | Hyderabad

Software Engineer | August 2023 – August 2025

- Developed and maintained multiple enterprise web applications using **Angular (13–19)** with modular architecture and reusable components.

- Migrated legacy codebases from older Angular versions to modern Angular frameworks, improving performance and maintainability.
- Implemented UI components using **Angular Material**, **Ng Bootstrap**, and **SCSS** to deliver responsive user interfaces.
- Integrated and optimized third-party libraries (Ng Bootstrap, Lodash, MomentJs, NgSelect) to enhance development efficiency.
- Collaborated with cross-functional teams in Agile environment, delivering features on schedule with focus on code quality and usability.
- Built responsive web applications using React, Redux, and Redux Toolkit for state management across multiple projects.

ISTHARA PARKS PVT. LTD. | Hyderabad

Web Developer | November 2021 – July 2023

- Architected and developed full-featured **Enterprise Resource Planning (ERP)** system supporting multiple complex workflows for business operations.
- Implemented RESTful API integrations, ensuring smooth data flow and optimizing performance for enterprise applications.
- Engineered **Food Ordering Web Application** with QR code-based navigation and real-time push notifications, handling 1000+ daily transactions
- Enhanced Isthara Platform (property listing system) enabling users to search, book properties, and submit inquiries.
- Integrated third-party payment gateways (Cashfree) for secure online transactions, improving payment efficiency
- Worked with AWS services (S3) to efficiently manage and optimize image uploads for various applications.
- Troubleshoot and resolved production issues efficiently, ensuring minimal downtime and enhanced user experience.

PROJECTS

Kanban - Task Management Application

Description: Fully functional task management application with advanced features for productivity and collaboration.

Key Features:

- Drag-and-drop task management between multiple columns with smooth animations
- Dark/Light mode toggle for user preference
- Progressive Web App (PWA) for offline functionality and offline data persistence
- Real-time state management with Redux and IndexedDB for local caching

Technologies: React.js, Redux, TypeScript, Tailwind CSS, Shadcn UI, React-dnd, IndexedDB, HTML5, SCSS
Live Demo: https://kanban-502a9.web.app/
GitHub Repository: https://github.com/kakashrao/kanban

CERTIFICATIONS

React – The Complete Guide
Udemy | Instructor: Maximilian Schwarzmuller
Key Topics: React fundamentals, Redux implementation, Next.Js

Angular & NodeJS – The MEAN Stack Guide
Udemy | Instructor: Maximilian Schwarzmuller
Key Topics: Angular fundamentals, Node.js, Express.js, RESTful APIs, MongoDB, Mongoose, JWT authentication

The Web Developer Bootcamp
Udemy | Instructor: Colt Steele
Key Topics: Full-stack web development, HTML5, CSS3, JavaScript, DOM manipulation, Node.js, Express.js, REST APIs, MongoDB

EDUCATION

Bachelor of Technology
Shri Shankaracharya Institute of Professional Management and Technology | Raipur, Chhattisgarh
Graduated: May 2020 | Aggregate: 79.59%