

AVINASH SHARMA

Full Stack Web Developer

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CAREER SUMMARY

A full stack web developer with nearly 7 years of expertise in modern web architectures, specializing in React ecosystem and cloud technologies. Demonstrated success in optimizing application performance, reducing load times by 40% through advanced front-end optimization techniques. Experienced team lead managing development teams while architecting scalable solutions using AWS services. Strong track record of delivering high-impact projects with focus on code quality and reusability, resulting in significant reduction in development cycles and improved maintainability.

PROFESSIONAL EXPERIENCE

EXL SERVICE

Sr. Front End Developer | Bengaluru, India *October 2024 – Present*

Front End Developer | Bengaluru, India *May 2022 – September 2024*

- Architected scalable React applications using ReactJS, Next.js and Redux Toolkit, implementing modular architecture with custom hooks, HOCs, and context management for state handling across micro-frontends
- Established project structures using Vite for faster build times, configured ESLint/Prettier for code consistency, and integrated Husky pre-commit hooks for automated code quality checks. Implemented Clean Code principles with comprehensive linting rules and VSCode setup.
- Optimized application performance through lazy loading, code splitting, and implementing React Suspense, reducing bundle size by 40% and improving Core Web Vitals metrics
- Implemented secure authentication flows using AWS Cognito, Okta SSO and Microsoft OpenID, integrating with internal microservices through AppSync GraphQL APIs and REST endpoints
- Set up monitoring and error tracking using Sentry, with custom error boundaries and logging mechanisms for improved debugging and issue resolution
- Delivered sophisticated features by integrating Computer Telephony Integration (CTI) and enabling real-time alerts during incoming calls. Reduced initial delay from approximately 30 seconds to just 4-6 seconds, significantly enhancing communication efficiency
- Integrated dynamic pages for real-time transcripts and demonstrated LLM functionality using React-Flow for enhanced data visualization and user experience
- Developed comprehensive end-to-end testing frameworks using Playwright for UI automation, ensuring application reliability and reducing regression issues
- Built interactive dashboards with data visualization components using Recharts and React-Flow, enabling stakeholders to analyze complex datasets effectively

NOKIA NETWORKS (CLIENT LOCATION) - ICS

Front-end Developer | Bengaluru, India *April 2020 – May 2022*

- Collaborated with the team to develop UI/UX solutions meeting client requirements
- Used Python FastAPI to upload and download items to Docker containers
- Developed web applications using ReactJS and JavaScript, converting UX designs to web pages
- Managed table data and populated it with backend data using RESTful APIs
- Worked on DevOps tools like Gerrit for code integration and JIRA for defect management

INFINITE COMPUTER SOLUTIONS (ICS)

Associate Software Engineer | Bengaluru, India *May 2019 – April 2020*

- Developed end-to-end internal tool to manage and track work packages

- Tech stack: ReactJS, Java, Spring Boot. Led a team of four as UI Developer
- Maintained common repository/version control to track and merge progress
- Deployed applications to DEV environment (JBoss server). Awarded Employee of the Month (February)

TECHNICAL SKILLS

Frontend: HTML5, CSS3, ReactJS, Next.js, AngularJS, JavaScript/TypeScript, Redux, React Hooks, Context APIs

Backend: Node.js, NestJS, Python FastAPI, RESTful APIs, GraphQL

Database: MongoDB, PostgreSQL, MySQL

Cloud & DevOps: AWS Services (AppSync, CodeCommit, S3, Cognito, Amplify), Docker, Linux, CI/CD

Testing: Playwright, React Testing Library, Jest, End-to-End Testing, TDD

Code Quality: ESLint, Prettier, Husky, Clean Code Principles, Code Reviews

Data Visualization: React-Flow, Recharts, D3.js, Interactive Dashboards

Tools: Git, Vite, JIRA, Gerrit, Sentry

PROJECTS

- **Open Source Contribution:** Contributed to website responsiveness improvements - redhood.ai
- **Online Portfolio:** Built on GatsbyJS using ReactJS & GraphQL, deployed on Netlify - avinash-sharma-v1.netlify.app
- **UX Designs:** Designing with Figma and Adobe XD - dribbble.com/avinaash_sharma

EDUCATION

Bachelor's in Computer Science

Institute Of Technical Education & Research, Bhubaneswar | CGPA: 7.6 | 2015 – 2019