BHUVANESHBABU C R

+91-9566008652 | bhuvanesh0712@gmail.com | linkedin.com/in/bhuvanesh712/

Summary

Senior Frontend Architect with 11+ years of progressive experience specializing in React.JS, Next.JS, and TypeScript. Expert in designing and building scalable frontend architectures, AI-powered web applications, and high-performance technical teams. Proven track record in architectural design, technical strategy, and cross-functional leadership. Successfully scaled engineering operations from founding stages to mature products, integrating cutting-edge AI/ML solutions while mentoring diverse engineering teams. Adept at balancing technical excellence with business objectives to deliver innovative, user-centric solutions.

Skills

Engineering Management: Agile/Scrum, JIRA, Team Development, Technical Roadmapping

AI/ML Integration: LLM Integration (OpenAI, Claude, GPT), AI-Powered UIs, Machine Learning Model Integration, Generative AI Applications, RAG Systems, Predictive Analytics, Healthcare AI Applications

Security & Compliance: HIPAA Standards, Data Encryption, Access Control, Security Auditing

Frontend: React.JS, React Native, React.JS, Next.JS, TypeScript, React Native, JavaScript (ES6+), Ember.JS, Node.JS, Webpack, Vite, Ember.JS, JavaScript (ES6), Node.JS

Backend: Node.js, Java, MySQL, MongoDB, RESTful APIs

UI/UX: Material UI, Bootstrap, Tailwind CSS, HTML5, CSS3

DevOps & Tools: CI/CD Pipelines, Git, Firebase, Jest, Qunit, Puppeteer

Operating Systems: Linux (Red Hat, Ubuntu), MacOS, Windows

Experience

Engineering Manager & Founding Engineer, Complement1 - Bangalore   Mar 2024 – Present

- **Established Engineering Processes**: Created development workflows, code review standards, and technical documentation frameworks
- **Integrated AI Solutions**: Spearheaded development of AI-powered personalized healthcare recommendations, improving patient outcomes by 40% and security standards that led to quick detection of security issues
- **Built Technical Foundation**: Architected and implemented the entire frontend infrastructure for a healthcare technology platform, establishing core patterns for future scaling
- **Pioneered LLM Integration**: Led integration of Large Language Models (OpenAI GPT-4, Claude) into frontend applications, building AI-powered chat interfaces, intelligent form assistants, and automated documentation systems that enhanced user productivity by 60%
- **Architected Modern Frontend Stack**: Designed and implemented comprehensive React.JS and Next.JS architecture with TypeScript, building reusable component libraries (atomic design patterns, 200+ production components), enterprise design systems (unified UI/UX standards, accessibility guidelines, Storybook documentation), and micro-frontend patterns for scalable enterprise applications
- **Led Cross-platform Team**: Led and managed a cross-platform team spanning frontend, backend, iOS, and Android, driving end-to-end execution and ensuring a seamless, consistent user experience across platforms
- **Drove Technical Excellence**: Implemented critical backend services using Node.js and MySQL to support core business functionality
- **Ensured HIPAA Compliance**: Implemented comprehensive HIPAA-compliant architecture and security protocols for handling sensitive healthcare data
- **Established Security Standards**: Created and enforced strict security frameworks including encryption protocols, access controls, and audit logs to protect patient information

Frontend Architect & Engineering Manager, ShopSe - Bangalore   Jul 2022 – Mar 2024

- **Led High-Performance Team**: Managed team of 10 engineers, increasing productivity by 30% through improved processes and mentorship
- **Spearheaded Core Platform**: Led development of the Core Lending platform vertical, a critical revenue driver
- **Architected Scalable Systems**: Established frontend deployment infrastructure and modular architecture that reduced deployment issues by 40%
- **Drove Strategic Partnerships**: Managed technical integrations with banking institutions, expanding platform capabilities

- **Optimized Cross-team Collaboration**: Implemented Agile methodologies across product verticals, improving delivery predictability by 25%
- **Led Cross-platform Team**: Led and managed a cross-platform team spanning frontend, backend, iOS, and Android (React Native), driving end-to-end execution and ensuring a seamless, consistent user experience across platforms.
- **Recognized Leader**: Received multiple awards for leadership excellence and technical innovation

Senior Principal Frontend Engineer, WhiteHatJr - Bangalore   Nov 2019 - July 2022
- **Scaled Engineering Organization**: Led growth of frontend team from 5 to 50+ engineers during rapid company expansion
- **Delivered Foundational Platform**: As founding engineer for Version2, built and scaled product from ground up supporting millions of users
- **Established Technical Standards**: Created frontend architecture principles and deployment processes adopted company-wide
- **Implemented Micro-Frontend Architecture**: Pioneered micro-frontend approach using Module Federation (Webpack), enabling independent development and deployment of feature teams while maintaining unified user experience across 15+ micro-applications, reducing deployment time by 70%
- **Enabled Business Growth**: Architected multi-brand system supporting various acquired companies, facilitating business expansion
- **Recognized Leader**: Received multiple awards for leadership excellence and technical innovation

Senior Frontend Engineer, Freshworks - Chennai   Mar 2018 - Oct 2019
Frontend Engineer, Zoho - Chennai   Feb 2015 - Feb 2018

Education

B.Tech in Computer Science - Amrita University, Coimbatore, India   2011 - 2015
CGPA: 8.6, First Class Distinction