JEETU KUMAR

Software Development Engineer - Frontend / Full Stack
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PROFESSIONAL SUMMARY

Software Development Engineer with 4+ years of experience building **scalable, secure, and high-performance web applications** using **React.js, TypeScript, JavaScript (ES6+), and Node.js**. Delivered a **government-scale platform for Saudi Arabia's Vision 2030** serving 11 cultural commissions, with sole ownership of features spanning **UI architecture, backend APIs, security, and deployment**. Strong foundation in **data structures, algorithms, and system design** (300+ problems solved). Experienced **mentoring engineers**, driving **code quality through testing and reviews**, and integrating **AI-assisted development tools** into daily engineering workflows. Proven track record of **on-time delivery with zero SLA breach** across cross-geography Agile teams.

TECHNICAL SKILLS

Frontend: React.js (hooks, Context API, Redux), Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Material UI
Backend: Node.js, Express.js, RESTful APIs, Microservices architecture
Databases: MongoDB (NoSQL), MS SQL Server, MySQL - query optimization, data modeling
Testing and Quality: Jest, React Testing Library, Unit and Integration Testing, Postman, TDD practices
Build and Performance: Vite, Webpack, code-splitting, lazy loading, Chrome DevTools profiling, bundle optimization
Cloud and DevOps: Azure DevOps (CI/CD pipelines), Git, GitHub, containerized deployments across DEV/SIT/UAT
Security: OWASP secure coding, Active Directory (AD) authentication, RBAC, JWT authorization
Core CS Fundamentals: Data Structures and Algorithms (300+ problems solved), OOP principles, design patterns, system design
Methodology: Agile Scrum, Jira, cross-functional and cross-geography collaboration
AI-Assisted Development: GitHub Copilot, Claude, ChatGPT, Cursor - code generation, review, debugging, and workflow automation

PROFESSIONAL EXPERIENCE

ITC Infotech — Bengaluru, India
Associate IT Consultant (Software Development Engineer) — *July 2022 - Present*

- Owned end-to-end frontend delivery of a **government-scale web application for the Ministry of Culture (MoC), Saudi Arabia**, part of Vision 2030, serving **11 cultural commissions**, collaborating with cross-functional teams across geographies to gather requirements, design, develop, and deploy enterprise-grade solutions.
- Engineered the **QR Tool Generator end-to-end as sole owner** - built multi-format QR generation, bulk upload, real-time URL threat detection, full customization, and a chart-based analytics dashboard using React and TypeScript, **reducing manual effort by 80%**.
- Built scalable frontend architecture for the **NCH (National Cultural Heritage) platform** applying OOP principles and design patterns, creating **15+ reusable React components** with TypeScript, improving code maintainability and **reducing feature development time by 30%**.
- Developed code with emphasis on **security best practices** - implemented Active Directory (AD) authentication, RBAC, and JWT authorization across all platform modules, protecting sensitive government data at scale.
- Wrote and executed **unit and integration tests using Jest** across frontend components; validated all API flows through Postman across DEV, SIT, and UAT environments, achieving a **100% pre-deployment validation rate**.
- Optimized high-scale web application performance using **lazy loading and code-splitting**, achieving a **25% reduction in initial load time**; integrated AI tools (GitHub Copilot, Claude, ChatGPT) across design, development, and code review workflows, **reducing delivery time by 30%**.
- **Mentored and guided a junior developer** through code reviews, pair programming, and technical training on React best practices, secure coding, and component architecture, **accelerating onboarding by 40%**.
- Collaborated with cross-functional and global stakeholder teams in **Agile/Scrum sprint cycles** - gathering requirements, communicating technical insights, and contributing to approach selection - **meeting over 95% of project requirements on time**.
- Delivered **BAT FSM frontend and Node.js/Express API integrations** for 200+ enterprise users, optimizing MS SQL Server queries by 20% and contributing to Azure DevOps CI/CD pipelines across DEV, SIT, and UAT environments.

EDUCATION

Rajiv Gandhi Proudyogiki Vishwavidyalaya — Bhopal, MP
B.Tech, Computer Science and Engineering - CGPA 8.21 — *July 2018 - Sept 2022*

Gyandeep Vidya Mandir School (CBSE) — Bhopal, MP
Higher Secondary (XII), Mathematics — *April 2017 - May 2018*

ACHIEVEMENTS AND CERTIFICATIONS

- Solved **300+ coding problems** across competitive platforms; earned a 3.5-star LeetCode rating and a 5-star C++ badge on HackerRank, reflecting a strong problem-solving foundation.
- Active technical blogger on Quora (**HorizonCodeHub**), sharing engineering insights and learning experiences with the developer community.
- **Certifications:** Programming in Python - Meta (Coursera) | Problem Solving (Intermediate) - HackerRank | Digital 101 - FutureSkillsPrime