Aman Baghel

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Summary

Front-end focused Software Engineer with **4 years of experience** building scalable, high-performance web applications and leading cross-functional teams to deliver impactful user experiences.

Work Experience

Blue Yonder | Supply Chain Industry   **Nov, 2022 - Present**
Software Engineer 2 (Front End Developer)   *Bengaluru, India*

- Developed and maintained **7 scalable micro front-ends** using **React, TypeScript, Redux Thunk, Material UI, GraphQL and REST APIs** with a focus on high availability and maintainability   .
- Led and built **4 products from scratch**, driving end-to-end architecture, development and successful delivery.
- Delivered **52+ features** and **resolved high-impact bugs**, ensuring stability, security and reliability across the application.
- Implemented **9-language localization** and **Role Based Access Control systems** to enhance global accessibility and secure user access for **30+ clients**.
- Achieved **90%+ unit test coverage** with **Jest and React Testing Library**, ensuring code reliability and **supporting CI/CD pipelines**.
- Built **50+ reusable Storybook components**, increasing **code reuse by 60%** and reducing **duplication by 30%**.
- Collaborated with backend, QA and design teams to deliver seamless end-to-end features, improving **customer satisfaction by 45%**.

Stanza Living | Real Estate and Hospitality Industry   **June, 2022 - Sep, 2022**
Software Development Engineer - 1 (Front End Developer)   *Gurugram, India*

- Created a scalable user questionnaire and amenities module for **10,000+ users** using **React and Redux**.
- Implemented modular code and **reduced development time by 25%** and **enhancing maintainability by 45%**.
- Diagnosed and **fixed 25+ bugs** in production, optimizing page load and interaction performance.

Hughes Systique Corporation | Networking Industry   **Aug, 2021 - June, 2022**
Associate Software Engineer (Full Stack Developer)   *Gurugram, India*

- Developed a SPA for satellite-based network services using **Angular, HTML5 and JavaScript**.
- Engineered backend with **Java, Groovy and Oracle DB** and boosted **performance by 40%**.
- Resolved **45+ issues**, ensuring secure and reliable end-user experience for military and remote area users.

Technical Skills

Programming Languages: HTML5, CSS3, JavaScript, TypeScript, Java, SQL
Technologies: React, Redux Thunk, Material UI, GraphQL, Cosmos, NodeJS
Testing Frameworks: Jest, React Testing Library
Version Control (CI/CD) & Developer Tools: Git, GitHub, GitLab, Postman, Sublime Text, Atom, VS Code
Computer Science Fundamentals: Data Structures & Algorithms, Front-end System Design (LLD)
GenAI Tools: GitHub Copilot, ChatGPT

Education

Guru Gobind Singh Indraprastha University   **Aug, 2017 – June, 2021**
Bachelor of Technology in Information Technology   *Delhi, India*

Projects

Crypto Stealer | *Crypto Currency Website* | Crypto Stealer   **July, 2024 – Aug, 2024**

- Delivered **real-time cryptocurrency data API in INR and USD, providing rankings and market capitalization insights to 19+ users**.
- Initiated using **React, Material UI, Firebase, Coin Gecko APIs, GitHub and Netlify with improving data retrieval speed by 87%**.

Internship / Achievements

- Solidified full-stack engineering skills through a **Supercharge 3-month internship**, contributing in project using **HTML5, CSS3, Bootstrap, JavaScript, Nest.JS and PostgreSQL**, **eliminated 25+ critical bug** and improved code quality.
- Graduated as the **top performer** in the IT Department for consistent academic and technical excellence.
- **Led the winning team** in Intra-college Smart India Hackathon, delivering a tech-driven solution that **outperformed 15+ teams** under time constraints.
- Secured **20th position** in HackCBS 2.0 Hackathon.