AMAN BAGHEL

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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**.
- Led architecture and built **4 products from scratch**, driving end-to-end development and successful delivery.
- Delivered **54+ features** and **resolved major production issues** across multiple UIs, boosting stability, security and reliability.
- Optimized Labour and Delivery Capacity via **APIs integration and storage enhancements, reducing redundant calls by 45% and boosting performance**.
- 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** via **Jest and React Testing Library**, improved reliability with **GitHub Copilot** and **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%**.
- Lead **GenAI initiatives for Commerce Customer Care**, implementing **workflow optimization and automated testing** to guarantee future productivity and realize an **8-10% increase in First Contact Resolution (FCR)**.

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%**, **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: GitHub, GitLab
Developer Tools: Git, 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 development with **React, Material UI, Firebase, Coin Gecko APIs, GitHub and Netlify**, improving **data retrieval speed by 87%**.

Internship / Achievements

- Solidified full-stack engineering skills through a **Supercharge 3-month internship**, contributing to a project using **HTML5, CSS3, Bootstrap, JavaScript, Nest.JS and PostgreSQL**, **eliminating 25+ critical bugs** and improving code quality.
- Graduated as the **top performer** in the IT Department for consistent academic and technical excellence.
- **Led the winning team** in the Intra-college Smart India Hackathon **(outperforming 15+ teams)** and secured the **20th position** in HackCBS 2.0 Hackathon, showcasing rapid and high-impact tech solution delivery under pressure.