

Sanchit Bajaj

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SUMMARY

Results-driven Software Engineer with 2+ years of experience developing scalable applications, and performance-oriented applications. Proficient in web technologies, including JavaScript, TypeScript, React.js, Next.js, Node.js & Express.js, with a strong understanding of SQL & NoSQL databases.

PROFESSIONAL EXPERIENCE

Infoztech Software Pvt Ltd | Software Engineer

Delhi, India | JUL 2023 - PRESENT

- Worked on cross-platform technologies to develop customizable reporting features based on the IFRS-16 reporting by utilizing the DMR modules under the part of user stories.
- Migrated IFRS-16 schedule generation logic from JavaScript to PostgreSQL function to handle large volume row generation (1000+ rows per line item), reducing processing time by 70%.
- Securely exposed and integrated the APIs of user-management module to the Oracle Identity Manager (OIM) service for centralized user management, enhancing efficiency for Airtel India.
- Implemented secure authentication, token-based validations across APIs, SSO integration using Azure Active Directory (AD), forge XSS, CSRF, CORS, Cache-control and TLS policies improving compliance and reducing breach risk by 50%.
- Worked with cross-functional team to developed Service Order Tracker for Airtel Africa, streamlining order management with enhanced asset management & tracking. Architected the role-based access control (RBAC) for different sub-hierarchical users and reporting modules.
- Engineered the dynamic multi country system in Express.js to optimally utilize the software without any extra configuration based on country.

Techcurators Pvt Ltd | Developer intern

Delhi, India | DEC 2022 - MAY 2023

- Spearheaded the development of a scalable ATS and Interview-as-a-Service platform using MERN stack, enabling automated interview workflows and reducing time-to-hire by 70%.
- Incorporated 5+ third party APIs like resulting in a 30% reduction in time-to-hire and improving candidate experience.
- Redesigned key UI components using React.js, Tailwind CSS & Material UI based on stakeholder feedback, improving navigation flow and reducing user task time by 25%.
- Architected backend system using Express.js and deployed services on Azure with CI/CD pipelines (GitHub Actions), reducing release cycle time from 3hrs to 30mins and enhancing deployment reliability with a proper test cycle.

A4R LLC | Freelance Developer

Remote | JAN 2022 – SEPT 2022

- Developed and launched the cryptocurrency token (A4R) using the ERC20 standard on Ethereum chain, building a secure token ecosystem and facilitating smart contract-based transactions.
- Built a full-stack web platform using React and Node.js with a real-time progress dashboard, helping onboard 10,000+ users to the crypto ecosystem.
- Integrated Web3 wallet authentication, real-time token price updates, and launchpad features using Moralis SDK, enhancing onboarding experience and token accessibility.

TECHNICAL & SOFT SKILLS

- **Languages:** HTML, CSS, JavaScript, TypeScript, Python, SQL
- **Libraries:** React.js, Next.js, Redux toolkit, Node.js, Express.js, REST APIs, Bootstrap, Tailwind CSS, Material UI
- **Databases:** MongoDB, PostgreSQL, Oracle DB
- **Tools:** Git, GitHub, Postman, Firebase, Appwrite, Linux, Figma, Azure, AWS, Jira
- **Inter-personal skills:** Abstract Thinker, Maker's Mindset, Problem Solver, Result Driven, Teamwork

TECHNICAL PROJECTS

Palettegram | [Github Link](#)

TypeScript, Next.js, Tailwind, Redux Toolkit, React Colorful, Appwrite

- Developed a specialized social media platform for UI/UX professionals to share designs, concepts, and color palettes.
- Led the design and implementation of the system, optimizing UI/UX for a seamless user experience.
- Integrated open-source technologies and actively collaborated with the open-source community to drive innovation and scalability.

Billing App for Xiaomi | [Github Link](#)

React.js, Node.js, Express.js, MongoDB, Material UI, Figma

- Developed a billing application for vendors across all Xiaomi stores as part of the Xiaomi Ode2Code 2.0 Hackathon.
- Designed and implemented a real-time API structure and an offline data management system, ensuring seamless operation in low connectivity environments.
- Optimized the application's performance and scalability, enhancing vendor efficiency in processing transactions.

EDUCATION

Manav Rachna University

Bachelor of Computer Science & Technology, **CGPA: 8.9**

JUL 2019 – JUL 2023

Faridabad, Haryana, India

ADDITIONAL EXPERIENCE / ACHIEVEMENTS

- Ranked in the Top 100 out of 7,500+ teams in Xiaomi Ode2Code 2.0 (2022).
- Placed in the Top 10% of participants in Google's Hash Code 2022 Competition.
- Project Admin for multiple open-source projects, managing development, contributions, and community engagement.

CERTIFICATIONS

- Postman API Fundamentals certification - [Postman Badge](#)
- The modern JavaScript course - [Udemy](#)
- JavaScript Basic – [Hackerrank](#)
- Crash Course on Python - [Coursera](#)
- Front-End Web Development with React - [Coursera](#)
- Introduction to Git & GitHub - [Coursera](#)