

Sanchit Bajaj

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SUMMARY

Passionate **Software Developer** with 3+ years of experience building scalable web applications using **JavaScript, TypeScript, React, Next.js, Node.js, Express.js, MongoDB, and PostgreSQL**. Skilled in REST API design and integration, complex state management, and performance optimization to deliver responsive, user-focused solutions. Experienced in end-to-end project ownership **from gathering requirements to production deployment** in agile and cloud-based environments.

PROFESSIONAL EXPERIENCE

Dotpe Pvt Ltd | Software Development Engineer 1

Delhi, India | FEB 2026 - PRESENT

- Integrated **2 POS machines** with existing billing system enabling merchants to process transactions through multiple channels, resulting in a **30% increase** in transaction volume.
- Optimized the **UI interactions** and reduced the **load time of screens by 40%** by implementing lazy loading and code splitting techniques.
- Architected the **multi-language system for UAE QSR chains** to smoothly onboard them to the platform and expand the market gulf region.

Infozech Software Pvt Ltd | Software Engineer

Delhi, India | JUL 2023 - JAN 2026

- Spearheaded the development of customizable financial reporting features, **reducing manual work by 50%**.
- Migrated IFRS-16 financial logic** from JavaScript to PostgreSQL function reducing the **process time by 70%**.
- Collaborated with cross-functional teams** to develop **Service Order Tracker**, streamlining RBAC, bulk/single data loading, multi-tenant reporting, asset recording calculations optimizing the **customer's process by 50%**.
- Led the integration of **multi-tenant architecture** into the current system to **capture 5+ clients**, handling dynamic reconciliation based on selected tenants with extensive dynamic logics for each tenant.

SKILLS SUMMARY

- Frontend:** JavaScript, TypeScript, Python, React, Next, Redux Toolkit, Tailwind CSS, ShadcnUI, Material UI
- Backend:** Node, Express, REST APIs, Spring Boot
- Databases:** MongoDB, PostgreSQL, Oracle DB
- Tools & Cloud:** Git, GitHub, Azure, AWS, Firebase, Appwrite, Postman, Jira, Figma, GenAI, OpenAI SDK
- Soft Skills:** Abstract Thinker, Problem Solver, Result Driven, Teamwork. Project Management, Leadership

PROJECTS

Spillmate.ai | TypeScript, Express, MongoDB, OpenAI, AWS, SQS, Redis, OAuth

- Engineered backend architecture**, developing **scalable microservices**, resulting in **99.9% uptime** during peak traffic.
- Integrated OpenAI SDK**, enabling an emotionally intelligent AI therapist **fine-tuned on 100+** domain-specific datasets.
- Optimized performance with **Redis caching and AWS SQS-based event queues**, reducing average response latency by 45% and ensuring reliable processing of **1M+ events/day**.

Unneu | TypeScript, Next.js, DynamoDB, Tailwind, Zustand, Cashfree, AWS Services

- Developed** a scalable marketplace platform supporting **role-based user management**, dynamic pricing strategies, and end-to-end commerce workflows for buyers and sellers.
- Engineered **fault-tolerant** payment workflows with automated recovery and reconciliation mechanisms, **ensuring transaction consistency and operational reliability**.
- Implemented real-time negotiation** and communication features alongside a flexible promotions engine **supporting coupons, discounts, and cart-based offers** to improve the overall purchasing experience.

EDUCATION

Manav Rachna University

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

JUL 2019 – JUL 2023

Faridabad, Haryana, India

ADDITIONAL EXPERIENCE / ACHIEVEMENTS

- Placed in the **Top 10%** of participants in **Google's Hash Code 2022** Competition.
- Completed 'The modern JavaScript' course - [Udemy](#)
- Completed 'Front-End Web Development with React' course - [Coursera](#)