

# Anshul Parik

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[Portfolio](#) | [Github](#) | [LinkedIn](#)

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## TECHNICAL SKILLS:

**Languages:** JavaScript, TypeScript, Python

**Frontend:** React.js, Next.js, Redux, Tailwind CSS, React Hook Forms, Zod, Shadcn, HTML, CSS

**Backend:** Node.js, Nest.js, Express.js, TypeORM, Mongoose, GraphQL, REST APIs

**Databases:** PostgreSQL, MySQL, MS SQL, MongoDB, Firebase

**DevOps & Tools:** Docker, Git, GitHub, AWS, Rancher, Conda, Google Colab, SFTP

**Testing:** Mocha, Chai, Jest

**AI & Automation:** LangChain, LlamaIndex, OpenAI APIs, Multimodal RAG, Google Analytics

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## WORK EXPERIENCE:

**SOFTXAI TECHNOLOGIES PRIVATE LIMITED, HYDERABAD**

**Nov 2024 - PRESENT**

### Software Engineer

- Developed a B2B microservices platform for DOT compliance in the US/Canada trucking industries.
- Led the integration of end-to-end service flows in the core dashboard project, ensuring modular and scalable delivery pipelines.
- Designed project architecture, including folder structures and reusable shared modules to support multi-service expansion.
- Implemented automated email notifications and integrated dynamic PDF form generation for scheduling and compliance reporting.
- Optimized **PostgreSQL** queries using **indexed** relations and lateral joins (achieved 60% performance improvement).
- Integrated **third-party** lab APIs and built **SFTP**-based cron jobs to automate driver testing and result syncing.
- Designed dynamic workflows for driver enrollment, activation/termination, and compliance logic.
- Created and maintained schema diagrams to enhance system clarity, documentation, and collaboration.
- Worked in a **microservices** architecture environment, improving scalability and performance by modularizing services and optimizing communication.

**FREELANCE DEVELOPER**

**FEB 2024 - OCT 2024**

- Built **AI-powered** chatbots using LangChain, LlamaIndex, and OpenAI APIs for business automation.
- Developed Multimodal **RAG** pipelines to answer queries from both image and textual data sources.
- Implemented security enhancements using **Guardrails AI** for LLM-based applications, preventing data leakage and ensuring compliance with security standards.
- Provided accurate time estimates for projects, improving planning and execution efficiency, ensuring on-time delivery, and client satisfaction.

**MYSENSE TECHNOLOGIES PRIVATE LIMITED, MOHALI**

**Nov 2021 - FEB 2024**

### Junior Software Developer

- Led development of eCommerce modules, including Admin Dashboard, Order Management System, and in-store Kiosk App for a multi-store retail platform.
- Applied **SOLID** principles and design patterns for modular, maintainable, and testable codebases.

- Designed and developed full-fledged modules with database schema design, Nest.js **REST APIs**, and React-based frontend integration, ensuring smooth data flow and UI consistency.
  - Implemented secure role-based authentication using **JWT** (access & refresh tokens), middleware, guards, and DTOs, enhancing application security and scalability.
  - Managed **MS SQL** databases with TypeORM; optimized query execution and handled data migrations for improved backend performance.
  - Integrated **Google Analytics** for event tracking, enabling insights into user behavior and data-driven decision-making.
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## **PROJECTS:**

### **DCG DASHBOARD | DASHBOARD APPLICATION**

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**Technologies:** Nest.js, React.js, TypeScript, Microservices, Python, Postgres, MongoDB

- Built modules for service order management, campaign scheduling, and agent performance tracking.
- Added automated order processing, email notifications, and cron jobs for PDF form generation and delivery.
- Developed APIs to dynamically fill and serve PDF forms based on real-time user and compliance data.
- Integrated driver randomizer logic and test workflows aligned with regulatory compliance requirements.

### **THE BEER STORE | E-COMMERCE APPLICATION**

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**Technologies:** Nest.js, React.js, TypeScript, Electron, Firebase, MsSQL

- Developed a complete eCommerce solution comprising Admin Dashboard, Order Management System, Kiosk App (Electron), Mobile App, and Website.
  - Built a role-based Admin Dashboard for managing multiple stores and employees (admin, store managers, customer reps).
  - Designed and implemented an Order Management System to track order lifecycles—placed, packed, out for delivery, completed, or canceled.
  - Created an in-store Kiosk App using Electron for a seamless on-site customer ordering experience.
  - Integrated backend services with **Firebase** and **MsSQL** for real-time order tracking and efficient data management.
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## **ACHIEVEMENTS:**

### **CERTIFICATE OF APPRECIATION – SOFTXAI TECHNOLOGIES PVT. LTD. (JULY 2025)**

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Recognized for exceptional technical expertise in Node.js, delivering a scalable, real-time solution that improved system performance and user experience. Commended for leadership, ownership, and a collaborative problem-solving approach under pressure.

## **EDUCATION:**

**BHARATI VIDYAPEETH UNIVERSITY COLLEGE OF ENGINEERING, PUNE**

**JULY 2017 - AUG 2021**

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- Bachelor of Technology ( IT )
- Relevant Coursework: Data Structures, Database Systems, Web Development, Software Engineering