Harshal Shinde

9763533588 shindeharshal009@gmail.com Portfolio

Summary

Full-Stack Software Developer with 2+ years of experience building scalable web applications and AI-powered products using Python, FastAPI, Next.js, TypeScript, Node.js, and PostgreSQL. Experienced in backend architecture, REST APIs, AI integrations, payment systems, and production-grade application development.

Technical Skills

Programming Languages: TypeScript, JavaScript, Python

Frontend Technologies: Next.js, React, Angular, Tailwind CSS, Redux, Zustand, React Query

Backend Technologies: Node.js, Express.js, NestJS, FastAPI, SQLAlchemy, RESTful APIs

AI/ML Technologies: OpenAI, Google Gemini, LangChain, RAG, Knowledge Graphs, Vector Databases

Database Systems: PostgreSQL, MongoDB, MySQL, Prisma ORM, Redis

Platforms & Tools: Meta Marketing API, Shopify App Bridge, Stripe, AWS S3, Git, GitHub

Experience

QuickAds **March 2026 - Present**
Software Developer *Bengaluru*

- Built an end-to-end AI Fashion Photoshoot platform using FastAPI, Next.js, and PostgreSQL, replacing a legacy virtual try-on tool with Studio and Bulk workflows capable of processing 100+ images per job.
- Integrated 13 AI image-generation engines through a unified provider architecture with fallback handling, concurrency controls, and retries, and built an automated LLM-based image-quality pipeline that reduced crop failures from 2/4 to 0 on the live regression set.
- Owned Catalog Ads and built catalog ingestion, Meta Marketing API workflows, campaign and ad-set management, and CSV/Excel bulk uploads, adding support for 3 new campaign objectives.
- Implemented Shopify billing compliance with Shopify App Bridge, managed pricing reconciliation, and Stripe safeguards across 7 payment entry points; authored 66 test modules with 1,628 passing tests.

BCT Consulting Private Limited **Dec 2025 - March 2026**
Software Engineer *Chennai*

- Worked as a Full-Stack Engineer on the AFL Salary Cap platform, supporting player contract management and salary cap compliance workflows for the Australian Football League.
- Developed scalable Angular frontends and Node.js, Express, and MongoDB backend services, delivering end-to-end features from requirement discussion through deployment.
- Built secure REST APIs with role-based access, validation, and performance-optimized database queries while collaborating with product, QA, and client teams in Agile sprints.

Impelox Tech Private Limited **Dec 2024 - Dec 2025**
Full-Stack Developer *Chennai*

- Developed and maintained enterprise-grade full-stack applications using Angular and NestJS, serving thousands of active users.
- Engineered secure payment gateway integrations for two major insurers with order verification and transaction logging for reliable, traceable transactions.
- Built reusable component-based UI architecture and optimized backend queries, caching, and modular architecture, improving application responsiveness by 45%.

Projects

AI-Powered Chatbot with RAG & Knowledge Graphs
Python — FastAPI — LangChain — Next.js — Redux — Vector Database — Knowledge Graphs

- Developed an intelligent conversational AI chatbot using Retrieval-Augmented Generation (RAG) architecture, achieving 90% accuracy in context-aware responses.
- Implemented a knowledge graph with 100+ entities and relationships using Neo4j, enabling semantic search and intelligent query understanding across complex domain knowledge.

Education

Modern Education Society's College of Engineering **June 2019 - June 2023**
Bachelor of Engineering in Electronics and Telecommunications *Pune, India*