

TOSHAL NARENDRA ZAMBARE

AI & Data Science Engineer · Full-Stack Developer · ML Engineer · DevOps Engineer

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SUMMARY

Final-year B.E. student in AI & Data Science (CGPA 8.7/10) with proven experience shipping production AI/ML systems, RAG pipelines, and full-stack SaaS products. Strong command of LLMs, LangChain, FastAPI, and Flutter. Google Developer Groups Campus Lead and hackathon award winner.

TECHNICAL SKILLS

AI / ML	LLMs · LangChain · RAG · Sentence-Transformers · HuggingFace · PyTorch · TensorFlow · OpenCV · Prompt Engineering
Backend	FastAPI · Node.js/Express · Celery · Redis · REST APIs · Async Programming · Socket.io
Frontend	React.js · Flutter · FlutterFlow
Databases	PostgreSQL · MongoDB · Qdrant (Vector DB) · Firestore · MinIO
DevOps	Docker · Firebase · AWS · Google Cloud · Vercel · Git
Languages	Python · Dart · C · C++

EXPERIENCE

Deep Learning & Full Stack Intern · AI Leela, Nashik | Dec 2025 – Feb 2026

- › Built XeroxSaaS, an AI-powered document SaaS platform on the MERN stack with JWT auth and cloud file streaming.
- › Integrated LangChain AI agents for intelligent PDF conversion, page analysis, and multi-format standardisation.
- › Deployed production infrastructure on Vercel, Render & MongoDB Atlas serving real users.

KEY PROJECTS

XeroxSaaS — AI Document Printing Platform | 2026

Stack: React.js · Node.js · LangChain · MongoDB · Socket.io · Backblaze B2

- › Full-stack SaaS with AI-based PDF conversion, smart page counting, and real-time order tracking via Socket.io. [Live](#) →

Conversational RAG Knowledge Hub | 2025

Stack: FastAPI · Celery · PostgreSQL · Qdrant · LLMs · Sentence-Transformers · Docker

- › Scalable RAG platform with async multi-modal ingestion (docs, images, video), vector search, and contextual reranking.
- › Focus Mode UI restricts AI to user-selected documents. Google OAuth 2.0 auth. Fully containerised with Docker Compose.

Real-Time 3D Conversational AI Agent | 2025

Stack: Unity · C# · Google Gemini API · Python/Flask · Vosk (STT) · pyttsx3 (TTS)

- › Interactive 3D environment with an AI agent supporting both text chat and fully offline voice commands.

More projects: github.com/ToshalZambare

EDUCATION

B.E. — Artificial Intelligence & Data Science (Pursuing) | Expected 2027 · CGPA 8.7/10

Savitribai Phule Pune University

Higher Secondary (Class 12) — Ord. Factory High School | 2023 · 72.67%

ACHIEVEMENTS & LEADERSHIP

- › 🏆 1st Place — Cricketthon, GDG Nashik, 2026
- › 🏆 3rd Place — HackFusion Hackathon, 2025
- › Flutter Co-Lead, GDGC at MET (2024–25)
- › Cloud Lead, GDGC at MET · Open-Source Contributor

CERTIFICATIONS

Python for Data Science & DSA — NPTEL, 2024 · Java — Oracle Academy, 2024 · AWS Cloud Internship, 2024 · AI-ML Virtual Internship — EduSkills (Google), 2024 · C++ & C — Spoken Tutorial IIT Bombay, 2025