

Bhavesh Rajput

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Jalgaon, Maharashtra
GitHub:
github.com/iambhaveshrajput
Portfolio:
bhaveshrajputportfolio.netlify.app

PROFESSIONAL SUMMARY

Focused Python Full Stack Developer with a passion for Generative AI and building autonomous Agentic AI systems. Skilled in crafting scalable web applications using Django and React, while integrating advanced LLM workflows via LangChain and LangGraph. Dedicated to bridging the gap between robust backend architecture and modern, intelligent AI solutions.

INTERNSHIP

Machine Learning Intern — Prodigy Infotech

Sept 2025 – Oct 2025

- Worked on practical ML tasks including data preprocessing, model training, and evaluation using Python-based workflows on real-world datasets.

PROJECTS

1. Deep Research Synthesizer

LangGraph · LangChain · Groq (Llama-3.3-70b) · Google Gemini · Pinecone · Streamlit · ArXiv API · Tavily

Live: deepresearchsynthesizer.streamlit.app

- Multi-agent AI system that automates academic paper generation from topic to citation-backed PDF using LangGraph orchestration with a 4-agent pipeline (Search → Critique → Writer → Refiner).
- Integrated ArXiv + Tavily for dual-source retrieval, Gemini embeddings + Pinecone as vector store, and auto-refinement loop scoring paper quality (1–10) and re-triggering search if gaps remain.

2. Portfolio Website

React · LangChain · Google Gemini API · Pinecone · RAG · Netlify

Live: bhaveshrajputportfolio.netlify.app

- Personal portfolio with a RAG-powered AI assistant built using LangChain, Google Gemini (LLM + embeddings), and Pinecone vector DB to answer visitor questions about skills and projects.
- Designed a responsive UI and deployed on Netlify with seamless AI-powered conversational experience.

3. NeuroTask AI

FastAPI · SQLAlchemy · WebSockets · Chart.js · Vanilla JS · Render

Live: neurotask-20b3.onrender.com

- Full-stack AI task management platform with Kanban board, JWT auth, real-time WebSocket notifications, and a Chart.js analytics dashboard.
- Custom AI priority scoring algorithm (0–100) auto-ranks tasks by urgency, complexity, and engagement; deployed via GitHub Actions CI/CD on Render.com.

TECHNICAL SKILLS

Languages	Python, C, C++
Web	Python Full Stack, HTML, CSS, JavaScript, ReactJS
Frameworks	Django, Django REST Framework, FastAPI
Databases	MySQL, SQLite3
AI / ML	Machine Learning, Deep Learning, PyTorch, NLP, LLMs, RAG, LangChain, LangGraph

EDUCATION & CERTIFICATIONS

B.Tech — Computer Engineering

KCE's College of Engineering & Management, Jalgaon
2022 – 2026 (Expected)

HSC (12th) — 61.50%

M.J. College, Jalgaon
Maharashtra HSC Board | 2021–22

SSC (10th) — 88.60%

L.N.S. High School, Jalgaon
Maharashtra SSC Board | 2019–20

Certifications & Publications

► Front-End Software Engineering Job Simulation

Skyscanner × Forage | May 2026

► AI in Action Job Simulation

Vista × Forage | May 2026

► Research Paper — IJIRT [ijirt.org/article?manuscript=193774](https://www.ijirt.org/article?manuscript=193774)