

Rugved Rajesh Chandekar

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👤 PROFILE

Final-year B.E. IT student with hands-on experience in Python, AI/ML, and cloud backends – internship experience shipping AI-powered backend systems end-to-end.

🧠 SKILLS

Programming & Data: Python, SQL, Pandas, NumPy, Matplotlib, Seaborn.

ML & AI: Scikit-learn, Keras, XGBoost, LLMs, RAG, Agentic AI.

Backend & Tools: Flask, REST APIs, WebSockets, Docker, Nginx, Git, GitHub, n8n.

Cloud: AWS (S3, ECS, Bedrock, DynamoDB, OpenSearch, Application Load Balancer), Qdrant.

Core CS: Data Structures, Algorithms, Object-Oriented Programming, System Design, Computer Network.

📁 PROFESSIONAL EXPERIENCE

Associate Developer Intern, Idyllic Services Pvt. Ltd 📍 01/2026 – Present

- Built **JD-to-candidate pipeline** stages using **GPT-4.1**, **Qdrant**, **MongoDB**, and **OpenAI Embeddings**.
- Reduced **LLM token usage by 99%** and **response time by 10×** via **semantic caching** and **vector search**.
- Built an end-to-end **AI-proctored video interview** module with real-time **STT**, **TTS**, and **face detection**.
- Automated report generation and scaled the system to index **15,000+ candidates**.
- Deployed 10+ full-stack apps end-to-end on **Linux VPS** using **SSH**, **Docker**, and **Nginx**.

📁 TECHNICAL PROJECTS

ResuGenie - AI Resume Parser, Tech: Python, Flask, RAG, AWS 12/2025

- Built full-stack **AI resume platform** with **RAG-based chat**, **JD fit analysis**, and **10-dimension scoring**.
- Implemented **semantic resume-JD matching** using **vector embeddings** for intelligent candidate-role alignment.
- Integrated **Amazon Bedrock** to enable **RAG-based “Chat with Resume”** functionality.
- Deployed on **AWS ECS** with **EC2**, **Elastic IP** and **IAM role-based Bedrock access**.

AI-Powered Chest X-Ray Classifier 📍, Tech: Python, Keras, Streamlit 08/2025 – 11/2025

- Built a **DenseNet121-based classifier** on **5K+ chest X-rays (96.33% accuracy, 99.42% ROC-AUC)**.
- Integrated **Grad-CAM** to visually highlight detected regions on X-rays for **explainable predictions**.
- Implemented **attention mechanisms (channel + spatial)** to focus model on clinically relevant lung regions.

Official Website for Raghavendra Swami Mutt 📍, Tech: Python, MySQL, 05/2025 – 08/2025

- Developed and deployed full-stack booking system with frontend, backend, database, and admin panel.
- Automated booking process **reducing manual effort by ~90%** and **seva booking time by ~95%**.
- **Served 100+ users with 5,000+ total visitors** since deployment.

📁 TECHNICAL ACHIEVEMENTS

Co-author, IEEE CVMI 2026 – Uncertainty-Aware Pneumonia Detection (96.33% accuracy, 99.42% ROC-AUC).

Winner – College Hackathon: Built ResuGenie, an LLM-based resume parser and JD alignment system.

Published integration-smoke-test on PyPI – API health check library for Python developers.

Built an AI-powered VS Code extension enabling natural language command execution in the editor.

CCAT 2026 – AIR 308, demonstrating strong fundamentals in DSA, programming, and core CS.

📁 EDUCATION

B.E. (IT), Govt. Engineering College, Chh. Sambhajinagar - CGPA: 7.38 2026

XII (HSC), Mallick Junior College, Chh.Sambhajinagar - 87.17% 2022

X (ICSE), Ryan International School, Chh.Sambhajinagar - 84.20% 2020

📁 POSITION OF RESPONSIBILITY

Hackslash 📍, Competitive Programming & DSA Lead 06/2024 – 06/2025

- Conducted **5+ workshops, coding competitions, and hackathons** for **300+ students**.
- Mentored peers in **Data Structures and Algorithms**, promoting structured problem-solving and code optimization.