

Rohitashva Kumawat

AI Engineer

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Pune, Maharashtra, India



OBJECTIVE

Results-driven AI Engineer with experience in RAG-based applications and Agentic AI. Skilled in Python, DevOps practices, and cloud platforms (Azure, AWS), with a passion for building AI-driven solutions that tackle real-world challenges efficiently and scalably.

EXPERIENCE [linkedin](#)

Siemens Digital Industries Software

Aug 2025 - Present

AI Intern | Pune, On-site

- Designed and deployed a **RAG-based AI Agent using LangGraph** to assist developers with code generation and guidance within Siemens' software ecosystem.
- Improved developer productivity and **reduced effort by 49%**, saving approximately ~705 hours annually per developer.

Bosch Global Software Technologies Pvt Ltd.

Jun 2024 - Dec 2024

Industry Project Lead | Bangalore, Remote

- Developed software-driven CAN protocol solutions, cutting system testing time and costs by 80%.
- Eliminated hardware dependencies and **saved €15,000 annually** in operational expenses.

Passion Infotech Pvt. Ltd.

Jul 2024 - Dec 2024

Industry Project Lead | Pune, Remote

- Built a **multimodal AI system** for early dementia detection with **97.44% accuracy** on the OASIS MRI image dataset (VGG16 architecture).
- Integrated chatbot functionalities with RAG and FER analysis for scalable medical diagnostics.

Codewits Solutions Pvt. Ltd.

Jan 2024 - Mar 2024

Industry Project Member | Pune, Remote

- Developed an NLP-based resume matcher using BERT for skill analysis and job-fit scoring.
- Automated recruitment manual efforts, creating dashboards for HR, and reducing operational costs.

PROJECTS [Github Link](#) | [Hugging Face](#)

- MediBuddy** - AI for HealthCare: patient monitoring system combining LLM-powered analysis and diagnostics. [Drive](#)
- Jan Rakshak** - AI Safety System: leveraging AI & IoT for real-time threat detection & emergency alerts. [Research Paper](#)
- KrushMitra** - AI for Farmers: Platform for farmers with soil analysis, disease detection, and LLM. [Website](#)

EDUCATION

Vishwakarma Institute of Technology Pune - B.Tech, Computer Science and Engineering (AI&ML), **CGPA: 9.32**

SKILLS

Programming: Python, C, Java, R, SQL

AI/ML Tools & Frameworks: Deep Learning, NLP, LLMs, RAG, LangGraph, LangSmith, Streamlit

DevOps & Cloud: Linux, Flask, FastAPI, CI/CD, Azure, AWS, Docker, Kubernetes

CERTIFICATIONS & ACHIEVEMENTS

- Nvidia:** Fundamentals of Deep Learning.
- IBM:** DevOps and Software Engineering.
- University of Michigan:** Getting Started with Python 5-course specialization.
- Google:** Cloud Computing Foundations.
- Grand Finalist:** Innerv9, InnovateYou, OneLab AI Agent (National level competitions).
- Founder & President:** Industry Connect Club, VIT Pune – Built a **team of 40+ members**, hosted **20+** events/workshops, and built Industrial connections.