Rohit Patil

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Brief Summary

I'm a passionate Computer Science Engineering student skilled in Java, Python, and Machine Learning, with a knack for web development and deep learning. I thrive in collaborative environments, leading teams to innovate and solve complex problems. Eager to apply my skills, I'm looking for opportunities to create impactful solutions and grow as a developer.

Skills

- **Frameworks**: TensorFlow, PyTorch, Keras, Scikit-Learn
- **Languages**: Python,Java,HTML,CSS,JavaScript
- **Tools**: Git, GitHub, Figma, Canva
- **Database**: MongoDB, SQL
- **Soft Skills**: Leadership, Teamwork, Problem-Solving, Time Management, Strong communication

Education

D Y Patil College of Engineering and Technology, Kolhapur (Btech CSE(AIML))   2022–2026

CGPA: 7.9

DC Model Sr Sec School, Firozpur (All India Senior School Certificate Examination)   2020–2021

Percentage: 75

DC Model Sr Sec School, Firozpur (All India Secondary School Examination)   2018-2019

Percentage: 79.16

Projects

Job-Sensei – AI-Powered Career Navigator

- Designed an AI-driven platform for Tier-2/3 students to receive personalized resume feedback, interview simulations with emotion tracking, and curated learning paths using real-time skill-job mapping and Gemini API integration.
- Tech Stack: React.js, Tailwind CSS, Node.js, Express.js, Flask (Python), MongoDB, Gemini API, YouTube Data API, Leaflet API, MediaPipe, Vercel.

GetSelectAI – AI-Powered Recruitment Automation

- Built a one-click ML-driven system for automated candidate screening, ranking, and interview scheduling using NLP, BERT, and Google Calendar API. Enhanced recruitment speed and fairness through multi-agent architecture.
- Tech Stack: Python, spaCy, Scikit-learn, BERT, PostgreSQL, Tkinter, OpenAI API

VoiceLens: AI-Driven Image Descriptions for Accessibility

- Developed an AI-powered accessibility tool for visually impaired users, using ResNet50 and Transformer models to generate real-time image captions and convert them to speech using TTS.
- Integrated gesture-based controls for seamless interaction, enhancing usability and accessibility.

Revolutionizing Retail: ARand3D CommerceMaking Products Come Alive

- Developed a WebAR-based e-commerce solution for 3D product visualization, enhancing clarity on product quality, texture, and size.

- Integrated QR code access for seamless mobile and desktop experience, improving engagement and reducing return rates.

QR Code based Attendance & Management System.
- Developed a QR Code-Based Student Data Management System to automate attendance tracking and data handling
- Eliminated manual errors, improving accuracy, efficiency, and administrative productivity.

Certifications

Fundamentals ofAccelerated Computing with CUDA C/C++   NVIDIA
- Completed the NVIDIA-certified 10-day GPU Accelerated Computing Codeathon, gaining hands-on experience in CUDA using c/c++ and high-performance computing.
- Skills gained: CUDA, C, C++

Fundamentals of Accelerated Computing with CUDA Python   NVIDIA
- Completed the NVIDIA-certified 10-day GPU Accelerated Computing Codeathon, gaining hands-on experience in CUDA using python and high-performance computing.
- Skills gained: CUDA, Python

Data to GenAI   IIT Mumbai & Google Cloud
- Gained hands-on experience in data pre-processing, model training, and fine-tuning LLMs for Generative AI applications.
- Skills gained: GenAI, LLM

LinuxDiary4.0   Walchand college of
                                                                                          Engineering,Sangli
- Gained hands-on experience in Linux system administration, shell scripting, networking, and security best practices.
- Skills gained: Linux

Achievements

- Secured second prize in inter college project Expo
- Awarded Best Project Leader for exceptional leadership, teamwork, and successful project execution.

Languages Known

English, Hindi, Marathi, Punjabi, Japanese