ACHYUT PANCHOLI B.Tech. - Computer Science & Engineering (AIML)

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🪪 BRIEF SUMMARY

Aspiring AI & ML professional with hands-on experience in Machine Learning, Deep Learning, and Generative AI, gained through multiple internships and projects. Skilled in applying AI concepts to real-world datasets and deploying applications using modern tools.Looking forward to leveraging my expertise in AI/ML problem-solving and innovation to contribute to impactful industry projects while continuing to grow my technical skills.

🎓 EDUCATION

B.Tech. Computer Science & Enginccring, *Sir Padampat Singhania University*   2022 – 2026
CGPA: 8.1 (till 7th sem)   Udaipur

12 CBSE, *Eden International School, Bhilwara, Bhilwara*   2022 – 2022
Percentage: 69.60/100   Bhilwara

🧠 KEY EXPERTISE

Artificial Intelligence │ C++ │ Python │ Machine Learning │ Prompt Engineering │ Web Development │ TensorFlow │ NLP │ Computer Vision │ Deep Learning │ API Integration │ Microsoft Azure Cloud

🗄 INTERNSHIPS

AIML Engineer Intern, *Xebia*   02/06/2025 – 11/07/2025
Gained hands-on experience in AI/ML through real-world datasets, EDA, and model development   IT/Computers Software
(Logistic Regression, SVM, Naive Bayes, K-Means). Built AI applications (Salary Predictor, Diabetes & Lung Cancer Detection) and explored advanced concepts like NLP, GANs, and Autoencoders. Worked on Microsoft Azure and deployed Streamlit apps with prompt engineering, strengthening skills in problem-solving, data analysis, and AI/ML deployment.

Machine Learning Engineer Interm, *LaunchED*   10/02/2025 – 10/04/2025
Completed a 60-day program on Machine Learning and Generative AI, focusing on model tuning,   IT/Computers - Software
prompt engineering, and real-world applications. Worked on 10+ projects, including the *AI Excuse Generator* for personalized multimodal outputs (text, audio, documents). Gained expertise in NLP, chatbot development, multimodal AI, and full-stack integration with React.js, APIs, and web technologies.

📁 PROJECTS

AI Agent Orchestration System (Flowbit, Aug 2025),   06/2025 – 06/2025
Tools: LangFlow, n8n, Gmail API, JSON Parsing, Workflow Automation
Developed email automation agents (Email Reader, JSON, Parser, PDF) to process and route emails with attachments. Built LangFlow components for orchestration, classifying inputs (text, JSON, documents) and forwarding to handlers. Integrated n8n workflows with Google Forms/Drive to extract responses and documents into structured JSON. Implemented a Gmail Reader Agent for real-time email ingestion into LangFlow pipelines.

PathGenie App, *Mentor: Ms. Roshi Saxena Team Size: 6* ⧉   05/07/2025 – 10/07/2025
PathGenie App is an AI-driven recommendation tool that guides users in mapping optimal learning or career paths. It uses machine learning algorithms with an intuitive interface to provide step-by-step routes, offering dynamic suggestions and visualizations based on user inputs and goals.

Al Excuse Generator, *Mentor: Harsh Vajpayee Team Size: 3* ⧉   10/02/2025 – 10/04/2025
An AI-powered tool developed during the Generative AI internship at LaunchED Global, enabling personalized excuse generation with optional "proof" features. It supported fake call screens, audio excuses, chat/document generation, and multi-language outputs. Using prompt engineering, NLP, and GenAI models, the project delivered customizable results and showcased innovative applications of AI for real-world, multimodal use cases.

🏆 ACHIEVEMENTS

Runner-up at CVMU Hackathon 2024 for Smart Library System (loT) and Runner-up FIU USA Ideathon 2025
Participated in Smart India Hackathon 202 with Blockchain-based Document Verification System