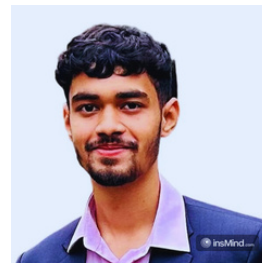


AAYUSH DHARPURE

Cloud & AI Enthusiast

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SUMMARY

Third-year AIML student with a strong understanding in Cloud Computing, Machine Learning, and image processing. Experienced in data structures and algorithms, machine learning, and sentiment analysis with hands-on experience in cloud platforms in AWS and Google Cloud. Certified as an AWS Cloud Practitioner, with a passion for solving real-world challenges and driving innovation through technology.

EDUCATION

B.Tech, AIML – Shri Ramdeobaba College of Engineering and Management	Nov 22 –
CGPA: 8.87	Expected July 26
Decent Junior College, Nagpur	2020 - 2022
12th Board: 83.17%	
MHTCET: 97.6 percentile	
Jindal Public School, Nagpur	2007 - 2020
10th Board: 90.8%	

SKILLS

- **Cloud:** AWS (Certified), Cloud Computing, AI Services
- **Programming:** DSA, Java, SQL, Python
- **AIML:** Machine Learning, Deep Learning, NLP, Generative AI, ML Algorithms

PROJECTS

Blood Group Detection Using Fingerprint (link)	July 2024 - Nov 2024
<ul style="list-style-type: none">• Developed a CNN-based model to classify blood groups using fingerprint images, leveraging image processing techniques like noise reduction and contrast enhancement.• Implemented data augmentation, optimized model performance, and achieved high classification accuracy through rigorous evaluation.	
AI Chatbot using Groq API & Streamlit (link)	Dec 2024 - Jan 2025
<ul style="list-style-type: none">• Developed an interactive chatbot using Groq API, LangChain, and Streamlit, enabling conversational memory and dynamic AI personas (Default, Expert, Creative).• Implemented model selection (mixtral-8x7b-32768, llama3-8b-8192), chat history management, and real-time response optimization for a seamless user experience.	

EXPERIENCE

Cloud Virtual Intern – AWS Academy & EduSkills (link)	Sep 2023 - Nov 2023
<ul style="list-style-type: none">• Completed a 10-week internship on AWS cloud services, gaining hands-on experience in virtualization, networking, storage management, and cloud security best practices.• Built a strong foundation in cloud infrastructure using core services like EC2, S3, IAM, and CloudWatch, which later supported the successful completion of the AWS Certified Cloud Practitioner certification.	
Machine Learning Coordinator – Progressia (Trainee)	Dec 2023 - Feb 2024
Coordinated Machine Learning and IoT workshops with RCOEM-TATA-CIIT, benefiting 300+ students. Managed execution, enhanced learning experiences, and fostered an engaging educational environment.	

CERTIFICATIONS

- AWS Certified Cloud Practitioner - Amazon Web Services (838/1000)([link](#))
- Introduction to Machine Learning - NPTEL IITKGP ([link](#))
- Google Cloud Study Jams 2023 - Google Cloud ([link](#))

EXTRA-CURRICULAR

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|---|----------------------------|
| • Publicity Lead, Altronix, AIML student Committee, RBU, Nagpur | Oct 2024 - Mar 2025 |
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