

ABIRAM R

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Career objective

AI/ML enthusiast with hands-on experience building full-stack applications, including real-time computer vision systems and predictive analytics tools. Adept at Python, Flask, AWS, and front-end technologies. Seeking to build scalable tech solutions in a collaborative, remote-first environment.

Work Experience

Hue Learn

Mar 2025 - Present

Research Trainee (On site)

- As a Research Trainee at Hue Learn, my objective is to contribute to the development and refinement of advanced learning materials on cutting-edge technologies.
- By sourcing and analyzing high-quality data, conducting thorough research, and creating engaging knowledge capsules aim to enhance the platform's educational offerings, content.

Hicup Innovations Pvt Ltd

Jun 2024 - Aug 2024

Python Developer & Research & Development Executive Intern

- Lead the development of innovative Python-based solutions to optimize business processes and enhance product functionalities.
- Implement best practices for code quality, version control, and documentation to ensure the reliability, scalability, and maintainability of software applications.

Accenture North America on Forage

Jun 2024 - Jun 2024

Data Analytics and Visualization Job Simulation

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions

Education

SNS College Of Technology

2021 - 2025

B.Tech, Artificial Intelligence and Machine Learning (AIML) (GPA: CGPA - 8.62)

Coimbatore

Jawahar Higher Sec School, CBSE

2020 - 2021

All India Senior School Certificate Examination (AISSCE) (GPA: 79.20%)

Neyveli

Jawahar Higher Sec School, CBSE

2018 - 2019

All India Secondary School Examination (AISSE) (GPA: 66%)

Neyveli

Skills

- Languages & Frameworks:** Python, MySQL, MongoDB, HTML, CSS, JavaScript, Node.js, React.js, Flask, Agile, Scrum
- Libraries & Tools:** RAG LangChain, Pandas, NumPy, OpenCV, Scikit-learn, TensorFlow/Keras, Boto3, GEN AI, Prompt Engineering
- Cloud & Platforms:** AWS (IAM, EC2, S3, VPC), Jupyter Notebook, Anaconda, Git, GitHub, IBM Cloud Code Engine, MS Office
- Design & Content:** Adobe Photoshop, Copywriting, Social Media Content

Projects

Multi Language Sign Language Recognition AI Web App

- Built a real-time Flask web app using OpenCV and TensorFlow for sign language detection with multilingual speech support.

E-Commerce Reviews Sentiment Analysis System

- Developed a full-stack web application that analyzes Flipkart product reviews using transformer-based NLP models (BERT & DistilBERT) for multilingual sentiment and emotion classification.

AI-Powered EdTech Generator

- Developed a web app that converts user-provided topics into structured course content, voiceover, and video scripts using Gemini AI.

Face Recognition based Attendance system

- A Face Recognition Attendance System automates attendance tracking using facial recognition technology for enhanced accuracy and efficiency.

Certifications

- IBM SkillsBuild – RAG with LangChain (Jul 2025)
- Skill India Digital – AI For India 2.0 (Aug 2023)
- LetsUpgrade – Face Recognition with OpenCV (Mar 202)
- Guvi – PowerBI Analytics (Apr 2024)
- SpaceAI – Python & Computer Vision (Jan 2021)