

Albi Mathews

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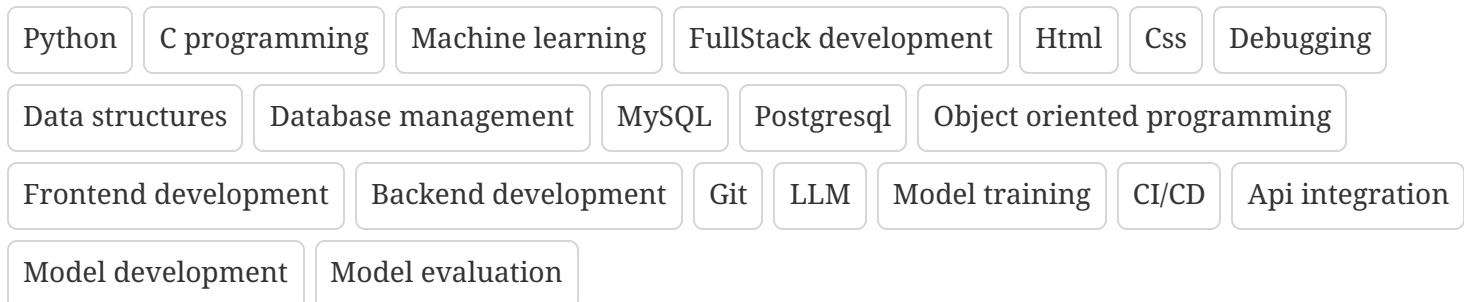
Professional summary

Engineering graduate with expertise in software development, machine learning, and large language models. Skilled in Python, SQL, and full-stack web technologies, with experience in building scalable applications and integrating APIs. Recognized for high productivity as a Python Developer Intern, specializing in data analysis and AI-ML solutions. Strong problem-solving and teamwork skills enhance project outcomes and collaboration.

Personal information

- Nationality: Indian
- Gender: Male
- Place: Adoor
- Date of birth: 08-03-2003

Skills



Experience

Space.ai

August- 2025

Machine learning intern

- Developed and integrated AI models with web applications, focusing on API construction and data pipeline management.
- Assisted in creating predictive models utilizing machine learning algorithms.
- Conducted data preprocessing and cleaning to ensure high-quality datasets.
- Supported implementation of machine learning tools and frameworks to enhance project efficiency.

Inmakes infotech

Feb-2025 - May-2025

FullStack developer intern

- Gained hands-on experience in web development using Python, Django, PostgreSQL, HTML, and CSS.
- Integrated APIs to enhance functionality and improve data management capabilities.

Lcc

Nov-2024 - Feb-2025

Software developer intern

- Utilized modern tools such as VS Code for development and deployment tasks.
- Developed software features using Python programming language to enhance functionality.

Education

A.p.j Abdul Kalam Technological University

Bachelor of technology

8.13 Sgpa

2021-2025

G.g.h.s.s Adoor

Biology Science

91.25%

2019-2021

C.b.m.h.s.s.

Sslc

95%

2019

Project

Construction defect evaluator

Built an AI-powered web app using YOLOv8 and a custom-trained LLM to detect construction defects from images and generate structured reports.

Ai based mock interview Evaluator

Developed an AI-powered mock interview evaluator that analyzes candidate responses using speech and emotion recognition to provide real-time feedback. Integrated NLP and computer vision for a more interactive interview experience.

Heart disease monitor

Heart Disease Monitor is a health monitoring system that uses predictive analytics and machine learning models to assess the risk of heart disease based on patient data. It provides early warnings and actionable insights, enabling proactive medical intervention and improved patient outcomes.

Blockchain integrated voting system

Implemented a blockchain-based voting system using Ethereum to enhance security and transparency. Enabled tamper-proof vote recording through smart contracts and decentralized validation.

Automated attendance registry using face recognition

Created an automatic attendance system using OpenCV integrated with CCTV cameras to detect and log student presence. Improved accuracy and reduced manual intervention in attendance tracking.

Language

- English
- Malayalam
- Hindi

Volunteer

National Resource Protection Force

National Service Scheme

Blood Donation Society