

ABIL BIJU

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Summary

Driven by a strong passion for technology and continuous learning, I am focused on growing my skills in Artificial Intelligence and Machine Learning. I actively explore modern technologies in these fields and have gained hands-on experience through multiple projects and internships. I am eager to contribute to impactful projects, collaborate with like-minded professionals, and continue learning while making a meaningful impact in the tech industry.

Education

B.Tech in Computer Science and Engineering (Data Science)

Mar Athanasius College of Engineering, Kothamangalam

CGPA: 7.86

Expected: 2026

Higher Secondary Education in Computer Science

De Paul Public School, Kuravilangad (CBSE)

Grade: 91.6%

Completed: 2022

Secondary Education

St Kuriakose Public School, Kaduthuruthy (CBSE)

Grade: 93.33%

Completed: 2020

Projects

- **Live Event Detection System Based on Audio and Deep Learning:** Developed a real-time audio-based deep learning system to detect events and automatically send alerts upon detection.
- **Real-Time Doodle Classifier using Google's Quick Draw Dataset:** Built a real-time system that recognizes and classifies hand-drawn doodles using machine learning and computer vision techniques.
- **Intrusion Detection System using Suricata:** Developed a system to monitor network activity and detect potential security threats using intrusion detection techniques.
- **Research Paper Analyses using LLM and Langchain:** Built a system to analyze and extract insights from research papers using Large Language Models and LangChain.

Work Experience

Artificial Intelligence Intern, KeyValue Software Systems

June 2025

Worked on AI-driven applications using Large Language Models and Machine Learning. Applied AI techniques to coding workflows and contributed to the development of intelligent, real-world software solutions.

Cybersecurity Intern, CodeAlpha

August 2024

Gained practical experience in phishing analysis, DDoS attack concepts, and Capture The Flag (CTF) challenges. Worked with intrusion detection systems for network monitoring and threat detection.

Data Science Intern, Orbo.ai

April 2023 - June 2023

Learned and applied machine learning algorithms, data collection techniques, and model training workflows. Worked on data preprocessing, noise removal, and improving data quality for effective analysis and predictions.

Skills

Technical Skills: Python, R, SQL, Machine Learning, Large Language Models (LLM), Artificial Intelligence

Interpersonal Skills: Problem-Solving, Critical Thinking, Adaptability, Leadership

Certifications

Data Science:Visualization (HarvardX), Certified Ethical Hacker (CISCO), Introduction to Cloud Computing (edX IBM), Cloud Essentials (AWS), Data Analytics (Deloitte)