

Archa Biju

Software Engineer | Kerala, India
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EDUCATION

M.Tech in Computer Science and Engineering <i>Amrita Vishwa Vidyapeetham, Coimbatore</i>	2025 – 2027
B.Tech in Information Technology <i>Government Engineering College, Idukki</i>	2020 – 2024

PROJECTS

IoT-based LiDAR Pothole Detection System Developed a prototype using LiDAR to detect potholes and map road surfaces in real time.
Green Destination: Employee Attrition Analysis Performed HR data analysis using Python and Tableau to identify key attrition drivers and trends.
Coca-Cola Stock Analysis Built a machine learning model to predict Coca-Cola stock trends and visualize insights using time-series data.
Travel Website Designed a responsive travel booking and destination guide website using HTML, CSS, and JavaScript.

INTERNSHIPS

Data Analyst Intern <i>Unified Mentor (Remote)</i>	Jan 2024 – Mar 2024
<ul style="list-style-type: none">Cleaned and visualized large datasets using Python, Excel, and Tableau.Built exploratory dashboards and supported predictive model development.	
Cisco Networking Intern <i>Network Bulls, Gurgaon, India</i>	Aug 2023 – Oct 2023
<ul style="list-style-type: none">Configured real-time enterprise-level Cisco networks.Focused on firewall rules and VLAN segmentation.	

CERTIFICATIONS

Data Analyst Certification — OneRoadmap: Focused on Python, data wrangling, and visualization.
Data Analytics Virtual Experience — Deloitte Forage Simulation: Real-world analytics scenarios.
Introduction to Career Skills in Data Analytics — LinkedIn: Covered data analytics and tech career skills.
SQL for Data Science — IBM: Hands-on SQL querying.
ASAP Work Readiness Program — Training in communication, collaboration, and professional etiquette.
Python Data Structures & Algorithms + LeetCode Exercises — Udemy: Strengthened problem-solving skills through real-world coding challenges.

TECHNICAL SKILLS

Languages: Python, Java, C, SQL
Web: HTML, CSS, Tailwind CSS, React.js
Database: MySQL, MongoDB
Tools: Tableau, Power BI, Excel, Jupyter Notebook
Soft Skills: Critical Thinking, Communication, Team Collaboration
Languages Known: Malayalam, English

ACTIVITIES

Member, IEEE Student Branch	2021–2023
<ul style="list-style-type: none">Participated in technical seminars, coding competitions, and hands-on workshops.	