

# AROMAL AJ

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[Portfolio](#) ♦ [LinkedIn](#) ♦ [GitHub](#)

## OBJECTIVE

Software engineer with a strong technical foundation, aiming to leverage skills in developing scalable software systems, troubleshooting code, and collaborating on impactful projects. Committed to gaining hands-on experience and contributing to innovative solutions that benefit millions of users.

## EDUCATION

<b>TKM College of Engineering Kollam, Kerala, India</b>	2022 - 2026
<ul style="list-style-type: none"><li>B. Tech in Computer Science and Engineering. CGPA: 9.33</li><li>Undergraduate Coursework: DSA, Operating System, Discrete Mathematics, Database, System Software.</li></ul>	
<b>Jawahar Navodaya Vidyalaya Trivandrum, Kerala, India</b>	2020 - 2022
<ul style="list-style-type: none"><li>CBSE 12<sup>th</sup> grade in Computer Science (95.8%).</li><li>Coursework: Fundamentals of programming, Python.</li></ul>	
<b>Jawahar Navodaya Vidyalaya Trivandrum, Kerala, India</b>	2015 - 2020
<ul style="list-style-type: none"><li>CBSE 10<sup>th</sup> grade (95%).</li></ul>	

## EXPERIENCE

<b>AI: Transformative Learning with TechSaksham</b>	Feb 2024
A joint CSR initiative of Microsoft & SAP, focusing on AI Technologies. <ul style="list-style-type: none"><li>Developed a SMS-Spam-Detection app.</li></ul>	
<b>Web Development Intern</b>	July 2024
DCUBE Ai Systems and Services Private Limited. <ul style="list-style-type: none"><li>Learned and developed an end-to-end website.</li></ul>	

## CERTIFICATIONS

- Participated in a Hackathon on **Web3** development conducted by EmergeX in association with **Kerala Blockchain Academy**.
- Participated in **Relay Coding** Competition (Inter College),2024
- Completed **Data Analytics** course (2024) provided by **IIT Roorke** through NPTEL.
- Completed **Joy of Computing using Python** (2024) provide by **IIT Madras** through NPTEL.
- Attended workshop on **DevOps** (2023) held at TKM College of Engineering.
- Attended workshop on **Self Driving Electric Vehicles** (2023) organized by TECHMAGHI in association with **IIT KHARAGPUR**.

## PROJECTS

- CareNexus (2024)** is a healthcare management app designed to streamline patient care, enabling seamless communication, appointment scheduling, and health tracking between patients and doctors. Implemented using **ReactJS** and **Django** integrated with **PostgreSQL**.[\(GitHub Link\)](#)
- SMS-Spam-Detection(2024)** This project is an **SMS Spam Detection Model** using **NLTK**, **Streamlit**, and **Machine Learning** to classify messages as **Spam or Not Spam** based on text preprocessing and prediction.[\(GitHub Link\)](#)
- Ticket Booking (2024)**. A movie ticket booking system. Implemented using **Django** integrated with **PostgreSQL**. [\(GitHub Link\)](#)
- School Data Management System (2022)** Data management system with features to handle student and employee details. Implemented using **Python** and **MySQL**.[\(GitHub link\)](#)
- Basic Calculator (2023)** with GUI interface. Implemented using **Java**. [\(GitHub link\)](#)
- Login Form (2024)**: An end-to-end login system with registration and authentication features. Implemented using **HTML**, **CSS**, and **JavaScript** for the frontend, and **Django** integrated with **PostgreSQL** for the backend.[\(GitHub Link\)](#)

## LEADERSHIPS

- Web Team** ACM TKMCE (2024)
- House Captain** (2020-2022)
- Coordinator** (2024) of BGMI Tournament conducted as part of **Hestia'24**.

## AWARDS

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- **Merit Certificate** for attaining highest marks in **Mathematics** in AISSE,2020.
- Secured **First position** in KTU (B)ZONE **Table Tennis Tournament** (2024).

## TECHNOLOGIES, AND SKILLS

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- Python, C, Java, HTML, CSS, JavaScript, SQL, Git.
- MySQL, PostgreSQL, Oracle, Django, ReactJS, Tailwind CSS.
- Leadership, Problem Solving, Creative Thinking, Independent Learner.

## LANGUAGES

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- English
- Hindi
- Malayalam