

# Mohammed Ali A

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## Career Objective:

Motivated and detail-oriented Computer Science student seeking an entry-level position where I can apply my knowledge of software development, testing methodologies, and problem-solving skills to contribute to quality assurance, system performance and organizational success while continuously enhancing my technical expertise.

## CORE COMPETENCIES:

### **Programming Languages:**

C, Java, Python

**Database:** MySQL, PostgreSQL, MongoDB

**Tools & Software:** Android Studio, VS code, Google Colab.

### **IT & Computer Science Skills:**

Data Structures & Algorithms, Database

Management Systems, Computer Networks.

## KEY STRENGTHS:

- Team and independent contributor
- Quick learner to new technologies
- Excellent time management and task prioritization
- Leadership and coordination skills in team projects

## AREA OF INTEREST:

- Software Development & Testing
- Web Development
- Database Management
- Machine Learning

## CO & EXTRA CURRICULAR ACTIVITIES:

- Hackathons like Sona Techathon , Amazon ML Challenges etc.
- Workshops in Python Tkinter by Imagecon Academy.
- Paper Presentation on Brain-Computer Interfaces – Lunara’25 at Bannari Amman Institute of Technology.
- Organizing Events & Symposiums like Spark’s 2025, DevFest by Google.
- Developed my Leadership qualities by attending the Leadership program conducted by Training Department.

## AWARDS & ACHIVEMENTS:

- Excellence Award for academic performance.
- Silver Streak Badge – 25-day coding streak on CodeChef
- Finalist , Appathon'25 – National Level App Development Contest Academic

## EDUCATION:

### **BE in Computer Science and Engineering (2023-2027)**

Sona College of Technology, Salem - CGPA: 8.35

### **HSC (2023)**

Islamiah Boy’s Hr Sec School, Vaniyambadi - Percent: 87.33%

### **SSLC (2021)**

Islamiah Boy’s Hr Sec School, Vaniyambadi - ALL PASS

## INTERNSHIP:

- **Python Development Intern – InternzLearn Pvt. Ltd.**  
**Tools:** Python, VS Code, Git, basic libraries  
**Description:** Completed a hands-on Python Development internship with real-time project implementation. - **March 2024**
- **AI & Data Analytics Intern – Edunet Foundation (AICTE & Shell)**  
**Tools:** Power BI, DAX, Excel  
**Description:** Developed an Energy Consumption TrendAnalysis dashboard to visualize sustainability data. Optimized reports using Power Query and identified energy-saving patterns. - **Dec 2024 - Jan 2025**

## PROJECTS:

- **Employee Management System**  
**Tools & Technologies:** HTML, CSS, JavaScript, MySQL  
**Description:** Completed a hands-on Python Development internship with real-time project implementation. Worked on Python programming, data handling, and application development, gaining practical experience in software development and debugging. - March 2024
- **College Event Management System**  
**Tools & Technologies:** React, TypeScript, Node.js, MongoDB, Tailwind CSS.  
**Description:** Built a centralized web application to manage core college operations. Features include secure multi-role portals (Admin, Faculty, Student), real-time academic tracking, automated scheduling, and document management within a highly responsive.
- **Energy Consumption Trend Analysis Dashboard**  
**Tools & Technologies:** Power BI, Power Query, Excel  
**Description:** Developed an interactive dashboard to visualize industrial energy consumption patterns. Analyzed sustainability metrics and identified cost-saving opportunities through data-driven insights.

## CERTIFICATIONS:

- Design & Implementation of Human Computer Interface – NPTEL (Silver Category) (Oct-Dec 2025)
- Design Thinking and Primer – NPTEL (Dec 2023)
- Python Programming – Infosys Springboard (Sep-2023)
- Android App Development – Intershala (Aug-2025)