

# MOHAMED ABRAR S A

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## About Me

Aspiring Data Science Engineer pursuing a B.Tech in Artificial Intelligence and Data Science, seeking internship and entry-level opportunities to apply knowledge of machine learning, data analysis, and software development. Eager to contribute to real-world projects and gain hands-on industry experience.

## Education

### B.Tech – Artificial Intelligence and Data Science

*B. S. Abdur Rahman Crescent Institute of Science and Technology*

2024 – 2027

GPA: 9.1 / 10

## Technical Skills

**Programming Languages:** Python, SQL, R

**Data & Analytics:** Machine Learning, Data Science, Power BI

**Visualization:** Power BI, R (ggplot2)

**Tools:** Microsoft Excel, Microsoft Word

**Concepts:** Data Analysis, Automation, Computer Vision

## Internship

### IT Intern

19 June 2025 – 9 July 2025

*DP World*

- Completed an intensive 15-day IT internship focused on hands-on practical learning.
- Worked on 10 project-based tasks involving IT systems and applications.
- Gained exposure to software development, system support, and databases.
- Assisted in application development, testing, and basic troubleshooting.
- Followed IT workflows, documentation, and industry best practices.
- Collaborated with team members in a real-time operational environment.

## Projects

### Power BI Analytics Project

- Designed interactive dashboards with KPIs, charts, slicers, and filters.
- Analyzed operational datasets to generate actionable insights.

### AI Chatbot Application

- Developed a rule-based and AI-assisted chatbot for automated query handling.
- Improved response efficiency using predefined logic and NLP concepts.

### College Portal Management System

- Built a web-based portal for student registration, authentication, and academic management.
- Implemented CRUD operations and role-based access.

### Data Visualization Tool using R

- Created analytical visualizations using R and ggplot2.
- Transformed raw data into meaningful graphical reports.

### Mobile & Web Punch In/Out System

- Developed a mobile-friendly and web-based attendance system with time tracking.

### Container Automation System

- Designed an automation solution for container allocation and tracking.

### **Vehicle Detection System**

- Implemented a computer vision-based vehicle detection solution.

### **AI Traffic Management System**

- Designed an AI-based system to monitor and manage traffic flow.

### **AI Agriculture Water Sprinkler System**

- Built an AI-enabled smart irrigation system to optimize water usage.

### **Mini Projects**

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- Red Wine Quality Prediction
- Instagram Clone
- Car Data Mining

### **Extracurricular Activities**

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- Active member of the Data Science Club, collaborating on projects and participating in hackathons.

### **Certifications**

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- AWS Project Network { Coursera}
- Machine Learning A-Z { Udemy}
- Deep Learning { Udemy}
- Data Mining in R { Infosys}
- Business Intelligence { Infosys}
- BCGX Job Simulation (Generative AI)
- Quantum Job Simulation