

# MOHAMMAD FAIZ ALAM

Undergraduate, AMC Engineering College, Bangalore

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## SKILLS

**Languages:** Java, SQL

**Web Technologies:** HTML, CSS, JavaScript, React.js, SQL

**Tools:** Visual Studio Code, IntelliJ IDEA, Git/GitHub, MySQL

**Relevant Courses:** Data Structures and Algorithms, Object Oriented Programming, Operating System, Computer Networks, Database Management System.

## EXPERIENCE/PROJECTS

### Signature Forgery Detection

**Tech Stack:** CNN, HOG, Decision Tree

- Developed a hybrid signature verification system using CNN and HOG for feature extraction.
- Evaluated combined features with LSTM, SVM, and KNN classifiers.
- Achieved high accuracy rates: UTS dataset (95.4%, 95.2%, 92.7%) and CEDAR dataset (93.7%, 94.1%, 91.3%).
- Successfully improved detection accuracy and efficiency, identifying skilled forgeries.

### Parking Lot Management System

**Tech Stack:** MySQL

- Developed a web page for a parking lot administrator so that he can keep track of vehicles in the building.
- It consists of functionalities like Add a vehicle, delete a vehicle from database using MYSQL queries.
- Worked on SQL databases

### Template for free stocks

**Tech Stack:** HTML, CSS, JavaScript

- Developed an interactive web platform called "SNAPFOLIO".
- Enabled users to seamlessly view, and contribute images.
- Demonstrated proficiency in web development, user experience design, and project management

## CODING PROFILE

- **Global rank 798/11k+** participants in the AccioWars coding con-test by AccioJob.
- Solved **150+ problems of Data Structures and Algorithms** across various coding platforms like Leetcode, Codechef, GFG and Striver's
- **Flipkart Grid6 .0**/Took part in the hackathon level 1 and qualified to level 2 in challenge organized by Flipkart.
- Qualified for round 1 in **CodeQuezt Contest**, an ultimate coding challenge organized by Naukri Campus.

## EDUCATION

**B.E** , AMC Engineering College

2024

Aggregate CGPA : 7.50

**Class XII**, HMSH SCHOOL

2020

Percentage : 72.6%

**Class X**, BD PUBLIC School (SSC)

2018

Percentage : 81.03%

## ACHIEVEMENTS/PUBLICATIONS

### "Signature Forgery Detection Using CNN and HOG"

- International Research Journal of Modernization in Engineering Technology and Science (IRJMETS)
- Volume 06, Issue 04, April 2024, Paper ID: IRJMETS60400285144
- Author: Mohammad Faiz Alam, Prof Manjula Devi.

### Hostel Mess Secretary

**AMC HALL**

- Managed day-to-day operations of the hostel mess, including meal planning and vendor coordination.
- Implemented a feedback system to quickly address issues, leading to increase in resident satisfaction.

### Chess Competition

**District Level**

- I was awarded the title of chess blitz Player of the tournament