MOHAMMAD FAIZ ALAM

+91 7439949261 , Bangalore, India

faizfzx99@gmail.com , LinkedIn , LeetCode

EDUCATION

Bachelor of Engineering-Information Science and Engineering | Bangalore
AMC Engineering College: 7.50/10 CGPA | July 2024

Secondary School-CBSE | Patna
HMSH SCHOOL: 72.6% | April 2020

High School-CBSE | Patna
BD PUBLIC SCHOOL: 81.03% | March 2018

TECHNICAL SKILLS

- **Programming Languages:** Java, SQL
- **Web Technologies:** HTML, CSS, JavaScript, React.js
- **Frameworks:** TensorFlow, Spring Boot, Fast API, Hibernate
- **Tools:** VS Code, IntelliJ IDEA, Dev C++, MySQL, Git
- **Relevant Courses:** Data Structures and Algorithms, Object Oriented Programming, Operating System, ComputerNetworks, Database Management System.

PROJECTS

Signature Forgery Detection:
- Implemented a hybrid signature verification system using CNN and HOG for feature extraction.
- Integrated combined features with LSTM, SVM, KNN classifiers, and leveraged Decision Trees.
- Achieved high accuracy rates: UTS dataset (95.4%, 95.2%, 92.7%) and CEDAR dataset (93.7%, 94.1%, 91.3%).
- Optimized detection accuracy and efficiency, significantly improving the sophisticated forgeries.
- Tech Stack: CNN, HOG, KNN, LSTM, Decision Trees, SVM.

Template For Free Stock Photos:
- Designed and implemented an interactive web platform called "SNAPFOLIO". (Try it here)
- Enabled users to seamlessly view, and contribute images.
- Demonstrated proficiency in web development, user experience design, and project management.
- Tech Stack: HTML, CSS, JavaScript

Parking management System:
- 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 adding a vehicle, deleting vehicle from database using MYSQL queries.
- Worked with SQL databases
- Tech Stack: MySQL

EXPERIENCE

Web Development Intern | VARCONS TECHNOLOGIES [OPC] PVT. LTD | 13th Mar 2023 – 16th Apr 2023
Tech Stack: HTML, CSS, JavaScript

Summer Intern |IIIT Delhi | 25th May 2023 – 10th Jul 2023
Tech Stack: JavaScript, Next.JS, Fast API, and MongoDB

PUBLICATION

"**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, Maaz A, Ashay R

ACHIEVEMENT

- Solved **150+ Problems of Data Structure & Algorithm** across various Platform like LeetCode, GFG and Striver's.
- Qualified for round 1 in **CodeQuezt Contest**, an ultimate coding challenge organized by Naukri Campus.
- **Flipkart Grid 6.0**/Took part in the hackathon level 1 and advanced to level 2 in challenge organized by Flipkart.