

# M. Ibrahim Faisal

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## PROFILE SUMMARY

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Driven Software Engineering student (CGPA: 3.82/4.0) at FAST NUCES with expertise in development, problem-solving, and project management. Passionate about R&D and emerging technologies, with a strong analytical mindset and a track record of leadership in technical teams. Combines technical proficiency with research curiosity to build innovative solutions. Seeking opportunities to contribute to impactful projects in software engineering and tech innovation.

## EDUCATION

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**BS Software Engineering**  
FAST-NUCES

Aug 2022-June 2026

## RELEVANT COURSEWORK

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Object-Oriented Programming | Data Structures and Algorithms | Database Systems | Formal Methods | Software Requirement Engineering | Software Design and Architecture | Software Construction and Development | Software Quality Engineering | Web Engineering | Data Science for Software Engineering |

## PROJECT EXPERIENCE

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### Online Food Delivery System

Jan 2025

- Developed a dynamic food delivery web application using **Node JS, Express JS, and React JS**.
- Implemented **RESTful APIs** to connect the front-end and back-end.
- Utilized **MongoDB** for database management and real-time order tracking.

### Online Marketplace for Local Businesses

May 2024

- Developed an e-commerce website for local businesses using **Next.js** and **Node.js**.
- Implemented features like product catalogs, search filters, and a shopping cart using **Redux Toolkit**.
- Ensured data integrity and scalability using **Firebase** for database and authentication.

### EduConnect Pakistan

July 2024

- Designed and developed a MERN stack e-learning platform using **Node JS, Express JS, Node JS and MongoDB**. Created user authentication and role-based access control with **JWT**.

### Machine Learning for Disease Pattern Analysis

- Developed a **disease clustering model** using ML techniques to analyze risk factors, symptoms, and signs, aiming to uncover hidden relationships for improved diagnosis.

## TECHNICAL SKILLS

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Object-Oriented Programming | Node JS | Express JS | React JS | Next JS | Django | Flask | UML | HTML | CSS | Spring Boot (java) | ASP.NET Core | Git and GitHub | Postgre SQL | MySQL | MongoDB | Selenium | Tailwind

## HONORS & AWARDS

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- Gold Medal in Fall'23, Spring'24, and Fall'24 semester
- Bronze Medal in Fall'22, and Spring'23 semester
- Nascon Best Speed Programmer Award March 2024
- Runner-up of Google developer of the year Jan 2024
- Ranked 3<sup>rd</sup> in ICPC'24 Pakistan