






M Ismail Daniyal

I am a 8th semester student with a strong aptitude for coding and a profound interest in AI and Web Development. Throughout my academic journey, I have cultivated robust skills in software development, focusing on writing efficient and scalable code. Additionally, I thrive in collaborative settings, showcasing my ability to work effectively within a team.

 ismailsarfraz9345@gmail.com  3176435671  Chiniot, Pakistan
 www.linkedin.com/in/ismail-sarfraz  ismaildaniyal

WORK EXPERIENCE


Fiver
Python ,C++ Developer Oct 2023


EDUCATION


FAST National University of Computer and Emerging Science
Bachelor of Computer Science August 2021 - June 2026


PROJECT

Text Editor  Fall 2022 - Fall 2022
Led the development of a Text Editor, incorporating a suggestion engine and Huffman encoding for efficient data handling, enhancing user experience.


Inventory Management System  Fall 2023 - Fall 2023
Spearheaded the creation of an Inventory Management System, streamlining product tracking, inventory management, and sales data analysis for businesses.

Artificial Intelligence (Sudoku Puzzle Solving using A Algorithm and Backtracking)  Fall 2024 - Fall 2024
Developed an efficient solution for solving Sudoku puzzles by implementing a combination of the A* algorithm and backtracking, showcasing expertise in algorithm design and problem-solving techniques.

Weather App  Fall 2024 - Fall 2024
Developed a web-based weather app that provides real-time weather information based on user location, using html, css for the front-end and external weather APIs for data retrieval.

Pak Railway Web Platform  Fall 2024 - Fall 2024
Developing a full-stack web application for Pakistan Railways, with functionalities like ticket booking, schedule tracking, and user management, leveraging Node.js for the back-end and MongoDB for database management

LLM Models for Wikipedia Data Retrieval and Question Answering Fall 2024 - Fall 2024
Developed and trained a large language model (LLM) and (NLP) to read and interpret data from Wikipedia, enabling it to generate accurate answers based on user prompts.

Text-to-Floor Plan Generation (2D/3D)  Spring 2024 - Fall 2025
Developed a Website that generates 2D floor plans from textual descriptions

SKILLS

Language: C++, C#, Python, Java-Script
Front-End: Html, Css, React.js, Type-Script
Backend: Django, Node-js, Express-js, RESTfull API Design, FAST API Design
Data-Base: Mysql, Oracle, Sql, MongoDB
Tools: Git