FAHIRA SHOAIB

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OBJECTIVE

To become a successful Software Engineer

EDUCATION

Bachelors of Science in Computer Science, Information Technology University of the Punjab   2022 - 2026

SKILLS

Technical Skills	C++, Python, C#, SQL, HTML, CSS, React, Node.js, Postman, VS Code, Github
Soft Skills	Communication, Adaptability, Work Ethic
Foreign languages	Arabic, Turkish
Hobbies	Reading books, Cooking, Drawing

APPRENTICESHIP

Game Programmer   Jun 2023 - Aug 2023
MindStorm Studios   *Lahore, Pakistan*

- Got the idea of how a game is designed and developed from scratch.
- Gained hands-on experience by participating in the Rookie Gamejam.
- Helped me decide that game development is not something I want to choose as my career.

PROJECTS

Mern-Thinkboard. Built a basic website for writing notes by using MERN stack such as ReactJS for frontend, tailwindcss and daisyui for frontend styling, Lucide-react for icons, NodeJS for backend, MongoDB for database, React-hot-toast for notifications and Upstash for limiting client requests. It consists of three main pages: After successfull Login/Signup page, it has a Main page, Create Note page, and Notes Detail Page. Made this by watching a youtube tutorial on Codesistency channel. This project taught me a lot of minor details including how to add security by hiding .env files to avoid secret information revealing, how to keep your project organized, which files to push on github and how to fix specific errors.

Airbnb. Built a basic version of airbnb website using MERN stack. After login/signup page, it has two dashboards based on roles: User dashboard and Admin dashboard based on roles. It has three pages: Main Listings page, Listing Details Page, and a Booking page. The booking page has a few errors that needs to be resolved.

Practice Portfolio Website. Built a portfolio website for practice using MERN stack. It has a main page, about page and a contact page. It taught me how to embed social media posts, reels or videos, how to change language of your html document or some specific text, how to make your website responsive by adding media queries for specific screen sizes. But later I realized that this portfolio wesbite should be made with simple HTML, CSS and JS to keep it as simple and to the point as possible.

To-Do-List. Built a basic website to make your everyday to do lists by using the MERN stack. It just has a main page. Taught me how to handle database by using GET, POST, PUT and DELETE operations

Personal Portfolio Website. Currently building my personal portfolio website using simple HTML, CSS, and JS to showcase my skills and projects with a main page only. Used Google fonts for specific style of fonts and Fonts Awesome library for using icons. Also, will deploy my updated projects soon.

HTML CSS Projects. Built projects on freecodecamp's course on responsive web design to learn every single detail including animations. Built a lot of projects along with these five certification projects: 1. Personal Portfolio, 2. Survey Form, 3. Product Landing Page, 4. Technical Documentation Page and 5. Tribute Page.

JS Projects. Learning JS on freecodecamp's course JavaScript Algorithms and Data Structures. Built these projects so far: Calorie counter, Date Formatter, Football Team Cards, Gradebook App, Music Player, Rock Paper Scissor Game, Pyramid Generator, Random Background Color changer, Palindrome Checker, and Role Playing Game.

Python Projects. Learning Python on freecodecamp's course Data Analysis with Python. Built this project so far: String Manipulation by Building a Cipher. Made academic projects as well such as Client Server and Paintbrush App like we usually have on our computer. These two projects focused on used of different libraries.

C++ Projects. Built academic projects such as Chess game, Snake game, Solitaire, TicTacToe with two players and a computer, Excel Sheet. These projects focused on how to use object oriented programming and data structures and which data structure to use and where.

C# Project. Built a game in unity engine with code written in C# and also made a calculator.

Database System Built a Pharmacy database management system using visual studio in .NET and used MongoDB atlas for database.

Docker and Amazon Deployment Project. Deployed a single login/signup app system on amazon web services using EC2 instance on windows system. Deployed the same app on Docker as a container using virtual machine such as Ubuntu.