

Muhammad Ahsan

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EDUCATION

IM SCIENCES

BS IN SOFTWARE ENGINEERING
Sep 2023 - Present | Peshawar, KP
GPA: 3.57/4.0

GOVERNMENT COLLEGE

FSC IN PRE-ENGINEERING
June 2023 | Peshawar, KP
percentage: 84%

COURSEWORK

UNDERGRADUATE

Information And Communication Technologies
Programming Fundamentals
Object Oriented Programming
Software Engineering
Data structures And Algorithms
Software Requirements Engineering
Logic And Critical Thinking
Database Systems
Operating Systems
Software Design And Architecture
Human Computer Interaction

SKILLS

PROGRAMMING

Java • Python • Javascript
React • Node • Express • SQL
Pytest • HTML • CSS • Tailwind CSS
Familiar:
Mongodb • Next.js

EXPERIENCE

KHUDA HAFIZ | WEB DEVELOPMENT INTERN

July 2025 - August 2025 | Islamabad

- Collaborated with a team of **10 developers** to build the **company's official website**.
- Developed core user account pages including **settings, edit profile, delete account and change password**
- Used **Next.js, React icons** and **Tailwind CSS**

PROJECTS

SOCIAL MEDIA APP | FULL STACK

July 2025

- Designed and developed a full-stack social media application with essential social features like **user profiles, posts, and friend requests**.
- Implemented real-time chat functionality using **Socket.io**, enabling instant messaging.
- Used **React** for the front-end and **Node.js** with Express for the back-end, with **MySQL** as the relational database.

REAL TIME CHAT APP | FULL STACK

September 2024

- Developed a real time chat app using **Socket.io**.
- Implemented authentication using **JWT** and **bcrypt** ensuring data protection.
- Used React, Node, Express, Mongodb and Socket.io.

NOTES TAKING APP | FULL STACK

June 2024

- Engineered a Full stack notes taking app using React, Node, Express, MySQL.
- Allowed users to **create, read, update, and delete** notes.

CERTIFICATIONS

HARVARD UNIVERSITY'S CS50P | PYTHON

February 2025

- Completed **9 problem sets** and **1 final project** scoring more than 90 percent on each problem set
- Built a resume generator with auto correct functionality using **python, fpdf, auto correct**.

HARVARD UNIVERSITY'S CS50 SQL | SQL

June 2025

- Completed **7 problem sets** and **1 final project** scoring more than 90 percent on each problem set
- Gained hands on experience on Database managements systems like **SQLite** and **MySQL**.

AWARDS AND HONORS

- 2025 **top 5/100** Prime Minister Laptop Scheme
- 2024 **1st/50** Rs 10,000 for ranking at the top of the class
- 2024 **top 10/100** 75% merit scholarship for ranking among top 10 students