

SUBHAN AHMED

SOFTWARE ENGINEER

📍 Karachi, Pakistan

🌐 <https://github.com/Subhan-2004>

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ABOUT ME

Dedicated Software Engineering student and Meta Certified iOS App Developer with a strong foundation in native mobile development, full-stack web engineering, and machine learning. Proficient in building scalable iOS applications using Swift and SwiftUI, engineering robust web solutions with React, Tailwind CSS, and Node.js, and training predictive models using Python. Passionate about applying modern software architecture patterns, clean code principles, and emerging AI technologies to solve complex technical challenges. A proactive problem-solver and active hackathon participant, eager to leverage a versatile tech stack to continuously develop innovative, high-impact, and user-centric applications.

EDUCATION

SIR SYED UNIVERSITY OF ENGINEERING AND TECHNOLOGY

Bachelors of Science in Software Engineering

2023-2027

WHALES COLLEGE

A- Levels

2021-2023

SKILLS

- iOS App Development
- JSON & API Integration
- Version Control
- Problem Solving
- AI & Machine Learning
- Python, HTML, CSS
- UI/UX Design
- Debugging & Troubleshooting

PROJECTS

CareerPath-AI

- Engineered a full-stack web application utilizing a React frontend and a MongoDB backend to deliver personalized career planning tools.
- Developed and integrated core features including an interactive admin dashboard and dynamic PDF roadmap generation for end-users.

To-Do SwiftUI App

- Built a task management iOS application using SwiftUI to help users create, organize, update, and track daily tasks, applying standard design patterns (MVC/MVVM) to create scalable mobile interfaces.
- Optimized application logic and honed foundational computer science skills by utilizing Swift to solve complex data structures and algorithmic challenges.

Game Performance Prediction Using Machine Learning

- Designed and deployed a machine learning application utilizing Python, Scikit-Learn, and Streamlit to predict gaming performance metrics based on system hardware specifications.

AI Coding Teacher

- Developed an AI-powered educational application designed to help users learn programming concepts through interactive explanations and coding assistance. Built using Python and Streamlit, with AI integration to provide personalized guidance and support for programming-related queries.

ACHIEVEMENTS

Meta iOS App Developer Professional Certificate

Earned a professional certification through Coursera, validating technical proficiency and foundational skills in native iOS application development.

Certificate of Completion, LabLab.ai:

Co-developed the AI Coding Teacher, an interactive GPT-5-powered web application for AI-assisted programming education. Exhibited technical proficiency in developing with agentic AI, alongside strong teamwork and problem-solving abilities.

3rd Place, WordSprint Developers Hackathon

Collaborated with a team to develop VersaMaint, a WordPress plugin focused on improving website maintenance and management.