SYED ALI SULTAN

Software Engineer

0330-3415043

alishah18105@gmail.com

https://github.com/alishah18105

https://www.linkedin.com/in/syed-ali-sultan

https://personal-portfolio-l1e7.vercel.app/

PROFILE

Motivated Software Engineering student at the University of Karachi with a strong foundation in software development and problem-solving. Passionate about building efficient, user-centric applications and leveraging AI-powered tools to improve productivity and deliver high-quality solutions.

EDUCATION

University Of Karachi — **2024 - 2027**

Bachelor of Science in Software Engineering (6th Semester) — CGPA: 3.46

Adamjee Govt Science College — **2021 - 2023**

Intermediate in Science General (Computer Science) — 84.73 % (A-One)

The Educators Rafah e Aam Royal Campus — **2020-2021**

Marticulation in Science Group — 98..11 % (A-One)

TECHNICAL SKILLS

- **Programming Languages**
  Python, JavaScript, Java, Dart, C, SQL
- **Databases & Cloud Services**
  PostgreSQL, Firebase, Firestore, Supabase
- **AI & Machine Learning**
  Generative AI (Learning)
- **Development Tools**
  Git, GitHub, VS Code, Postman
- **Networking & Virtualization**
  Cisco Packet Tracer, VMware
- **Framework & Technologies**
  React.js, Node.js, Express.js, Flask, Flutter, Bootstrap, HTML, CSS
- **Data Science & Visualization**
  NumPy, Pandas, Matplotlib
- **State Management**
  Provider, GetX,
- **AI & Productivity Tools**
  ChatGPT, GitHub Copilot, Gemini, Claude, NotebookLM, Figma, Canva, draw.io, Microsoft Office

ACADEMIC PROJECTS

Cloud Load Balancer Simulator

A simulation-based cloud computing system that distributes multiple user requests across available servers and compares different load-balancing and scheduling algorithms to manage requests efficiently.

AI Health System

Built an AI-powered health assistant using Python and Flask with features including disease prediction through a health chatbot and automated analysis of medical reports such as CBC.

Sudoku Game

Developed a Sudoku game using Java and JavaFX, featuring mistake tracking, a game timer, theme switching, and sound effects.

Manufacturing SPC Analysis

Manufacturing Statistical Process Control (SPC) analysis using Python, covering QA/QC checks, EDA, X-bar and R control charts

Meeting Management System

Developed a web-based meeting management platform for scheduling meetings, inviting participants, managing calendars, and sending real-time notifications.

Progresso App

Built a Flutter-based task management application with secure user authentication, cloud data synchronization, and MVVM architecture for scalable state management.

CERTIFICATIONS

- **GCI World 2026 AI & Data Science** – University of Tokyo (Ongoing)
- **Google AI Professional** – Google | Coursera (2026)
- **Networking Basics** – Cisco Networking Academy (2026)
- .**Introduction To Python** – DataCamp (2026)
- **Participation in App Development Competition** – Decentral Developers (2025)

ACHIEVEMENTS & ACTIVITIES

- Participated in inter-university debate competitions.
- Co-authored a book as part of an academic project.
- Conducted research and technical writing for academic projects.
- Wrote articles on social issues and current affairs.
- Provide online tutoring to UAE-based students in Grades 3–5, covering .