SAYED SHAHLOOB P

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PROFESSIONAL SUMMARY

Computer Science undergraduate and frontend mobile developer with strong proficiency in Flutter, Firebase, and Dart. Experienced in building responsive, user-centric applications with real-time cloud integration. Demonstrates excellent leadership and coordination skills through active involvement in community development and technical event management. Passionate about leveraging AI and technology to develop impactful solutions.

EDUCATION

B.Tech in Computer Science and Engineering
MEA Engineering College, APJ Abdul Kalam Technological University   *2021 – 2025*
CGPA: 8.08 / 10.00

Higher Secondary Education (Bio-Maths)
St. Mary's HSS, Pariyapuram   *2019 – 2021*
Percentage: 99%

PROFESSIONAL EXPERIENCE

Frontend Developer – Pro26, Manjeri   *Jun 2025 – Present*

- Leading the frontend development of cross-platform mobile applications using Flutter and Dart.
- Designing and integrating Firebase services (Auth, Firestore, Storage) for scalable app features.
- Collaborating in agile sprints, contributing to UI/UX decisions, code optimization, and release cycles.

LEADERSHIP & VOLUNTEERING

Team Leader – NSS Dream House Project (NSS & KCF)   *2024*

- Successfully coordinated the construction of **5 houses** for underprivileged families under the Dream House initiative by NSS and Kochouseph Chittilappilly Foundation.
- Managed volunteer teams, construction schedules, logistics, and communication with local authorities and foundation representatives.
- Demonstrated strong leadership, team coordination, and problem-solving in a socially impactful infrastructure project.

Assistant Coordinator – TACS MEA   *2023 – 2024*

- Organized and coordinated technical workshops, coding events, and student-led sessions to encourage hands-on learning and innovation.
- Led internal teams for planning, event execution, task delegation, and official reporting.

TECHNICAL SKILLS

Languages: Dart, Python, C, HTML, CSS
Mobile Development: Flutter, Dart
Databases: Firebase Firestore, Realtime Database, SQL
Cloud Services: Firebase (Auth, Firestore, Storage), Hosting
Tools & Frameworks: Git, GitHub, Flutter, Firebase
Other Skills: SEO (Search Engine Optimization), Agile Development, UI/UX Design
Data Visualization: Power BI, Matplotlib (basic)

KEY PROJECTS

NeuVitX – IoT-Based Health Monitoring System
Developed a real-time health monitoring app in Flutter with Firebase backend. Integrated Raspberry Pi sensor data and visualized health metrics through an intuitive UI, enabling live alerts and patient tracking.

ShopSmart – Budget Forecasting App (Flutter + Firebase)
Created a responsive expense tracker with forecasting capabilities. Incorporated Firebase authentication and Firestore for persistent user data and charts for visual insights.

WeatherNow – 5-Day Weather Forecasting App (Flutter + API)
Built a clean and responsive mobile app using Flutter that fetches and displays 5-day weather forecasts using a third-party weather API. Implemented temperature, wind, humidity, and condition icons using JSON parsing and dynamic UI rendering.

Student Management System (Flutter + SQL)
Designed a web and mobile portal for managing student academic records and attendance. Used SQL for backend operations and Flutter for cross-platform deployment.

ACHIEVEMENTS & PUBLICATIONS

Research Publication – ICETI4T 2025 (IEEE)
Presented the paper *"NeuVitX: Automated Monitoring of Intravenous Glucose Infusion and Vital Signs"* at the ICETI4T 2025 conference hosted by SIES Graduate School of Technology, Nerul, in collaboration with IEEE Bombay Section. Recognized for its innovative approach to intelligent healthcare systems using IoT and real-time automation.

Academic Achievement: Graduating with a CGPA of 8.08 / 10.00

CERTIFICATIONS

- Python with Artificial Intelligence – AI for Techies, 2024
- Machine Learning with Python – ICFOSS, 2023
- Business Intelligence using Power BI – Office Master, 2024

LANGUAGES

English — Malayalam — Tamil