Muhammad Fareed, Software Engineer

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PROFILE

Software Engineering student with experience in **Python, Django, REST APIs, web scraping, and frontend (HTML, CSS, JavaScript, React)**. Skilled in building **automation tools, web apps, and data-driven solutions** using **Google APIs, Selenium, and BeautifulSoup**, with project experience including **SafeWear – Smart Wearable Security Device**.

LINKS

linkedin.com/in/muhammad-fareed-a4407a241/ | https://github.com/Fareed456

EMPLOYMENT HISTORY

Oct 2023 — Nov 2024

Backend Developer , Silque Tech
Karachi, Pakistan

Working on Python frameworks, specifically **Django**, to **develop web applications** with **CRUD operations**, build **REST APIs**, and conduct **API testing**.

EDUCATION

Oct 2021 — Aug 2025

Sir Syed University of Engineering and Technology
Karachi, Pakistan

BS in Software Engineering

Courses: OOP | DSA | DB | Web Dev | SE | AI/ML | Mobile App Dev | Cloud

CGPA: **2.85 / 4.0**

Mar 2019 — Jan 2021

Pre-Engineering, Gulshan Degree College
Karachi, Pakistan

Intermediate in Pre-Engineering

SKILLS

JavaScript	Django Rest Framework (DRF)
React	MySQL
Python	Git
Django	Html/Css
MongoDB	Wordpress

PROJECTS

2021 — 2025

- **Carrefour Product Scraper** – Developed a web scraper using **Python, Selenium, BeautifulSoup** to extract product details and export them to **CSV** for analysis.
- **Custom ADU Builder Website** – Developed a responsive real estate website using **HTML, CSS, React**.
- **Movie Search App** – Built using **JavaScript (API Integration)** to fetch and display latest movies with search functionality.
- **SEO Brief Automation System** – Built with **Django, Google Docs API, Google Drive API, Redis, PostgreSQL/MySQL** to automate SEO brief document creation and background processing.
- **SafeWear – Smart Wearable Security Device** – Integrated **ESP32, GPS, Heartbeat Sensor, Noise Detection, Voice Recognition**, and developed a **Flutter mobile app** and **Django web app** for real-time alerts and monitoring.
- **Vehicle Management System (CRUD App)** – Created using **JavaScript, HTML, CSS** for managing vehicle data with basic CRUD operations.

FYP PROJECT

Jan 2024 — Aug 2025

SafeWear – AI-Powered Wearable Safety Device

Web Developer | Karachi | 2025
Stack: **HTML, CSS, JavaScript, React (basic), Firebase**
Developed a **responsive website** for the **SafeWear project** to showcase **device data** and **team info**.
Integrated **real-time features** like **live location tracking** and **alerts** using Firebase.
Collaborated with **hardware** and **mobile app teams** to align the **web interface** with **ESP32** and **Android app**.
Represented the project as part of the **web team** in **FICS NUST 2025**, advancing to **Stage 3** of the competition.