

Muhammad Abdul Rahman

+44 7715414914 — marrecluse.net — marrecluse@outlook.com — github.com/marrecluse

Summary — Computer Science graduate with a solid foundation in full-stack development, mobile app development, and system administration. Skilled in the deployment and management of web services, implementing secure authentication, and integrating IoT solutions using Arduino and ESP32. Strong Linux user with growing interest in DevOps, CI/CD, and cloud technologies. A perpetual learner committed to delivering clean and efficient code across the web and mobile platforms.

Skills

Languages JavaScript, Python, C, Dart, Bash, PHP **OS** Windows, MacOS, Linux
Languages Oracle, Firebase, Supabase, MySQL, MongoDB **Code editors** VS code, VIM, Nano
Cloud AWS, GCP **Testing** Pytest, Docker, Postman

Experience

Flutter App Developer Oct 2023 – Jul 2024
SoftThrive, Multan

- Completed a 3-month internship followed by full-time work, contributing to the development of full-stack applications using Flutter and Firebase
- Developed and integrated IoT projects with Arduino, connecting them to Flutter apps and implementing secure authentication systems

Education

University of the West of Scotland, UK May 2025 – Present
MSc Information Technology

NFC-Institute of Engineering and Technology, Multan Mar 2020 – Aug 2024
BS Computer Science
CGPA: 3.49

Superior College, Multan Mar 2018 – Mar 2020
FSc Pre-Eng
Marks: 71%

Zamir Public School, Multan Apr 2016 – Mar 2018
Matriculation
Marks: 81%

Certifications

- DevOps Pre-Requisite Course (Linux Basics) — KodeKloud
- AWS Cloud Practioner — KodeKloud

Projects

Linux and Networking

- Configured network services like DHCP and DNS in Linux environments.
- Proficient in troubleshooting network and system-level issues using tools like tcpdump, iftop, and nmap.
- Practiced backup automation with tools like rsync and cron jobs.

Web Development

- Designed and developed responsive web pages using Bootstrap.
- Completed small-scale projects involving databases (Login forms, Student LMS, CRUD operations).
- Knowledgeable in preventing security vulnerabilities such as SQL injections, XSS, CSRF, and broken authentication.

Package Defender App

- Detects package presence using a weight sensor with threshold values.
- Sends instant notifications to users via the mobile app when packages are placed or removed.).
- Includes a tamper-proof alarm to deter theft and ensure package safety.