

Moosa Junad

Addu City, Maldives • +960 7835181 • junaadh.02@gmail.com
github.com/junaadh • junaadh.dev

Summary

Software engineer with experience in systems and application development. Skilled in Rust, Swift, C/C++, and JavaScript frameworks, with experience building low-level infrastructure and user-facing applications across iOS, macOS, and web.

Education

Taylor's University - Subang Jaya, Malaysia

January 2023 - January 2026

Bachelor of Computer Science (Honors)

Major in Cyber Security; Extension in Artificial Intelligence; CGPA: 3.35

Addu High School - Addu City, Maldives

February 2019 - November 2021

Pearson Edexcel A'level; GCE English & HSC; Science

Sharafuddin School - Addu City, Maldives

January 2016 - November 2018

Cambridge GCE O'level; IGCSE English & SSC; Science

Work Experience

Alva Productions - Subang Jaya, Malaysia

Software Engineer Intern

September 2025 - January 2026

- Designed, developed, and refactored applications using SwiftUI
- Modelled application data flow using SwiftData with CloudKit integration
- Improved performance and responsiveness in Flutter applications
- Developed and maintained applications integrating Swift and Flutter components

Dhiraagu - Addu City, Maldives

Customer Support Specialist

April 2022 - December 2022

Skills

- **Backend & Web Development:** Rust (Axum, Actix), TypeScript/JavaScript (Vite + React, Node.js) — building high-performance, scalable, and secure APIs and web applications.
- **Mobile & Desktop Development:** Swift, SwiftUI, SwiftData, UIKit, React Native — developing iOS and macOS applications with cloud integration, responsive UIs, and optimized performance.
- **Systems & Low-Level Programming:** Rust, C/C++, Zig — writing efficient, memory-safe system software, CLI tools, and performance-critical modules.
- **DevOps & Deployment:** Docker, Docker Compose, Docker Swarm, Colima, CI/CD pipelines, Caddy, Nginx, AWS, Cloudflare — containerizing applications, orchestrating services, automating deployments, and configuring secure infrastructure.
- **Monitoring & Observability:** Prometheus, Grafana, Loki — implementing system monitoring, visualizing metrics, and aggregating logs for production environments.

- **Server & Linux Administration:** Linux, VPS management, shell scripting — deploying and maintaining applications on Linux servers, configuring VPS environments, and managing server operations.

Projects

Reqstly - github.com/junaadh/reqstly
reqstly.com

- Built a self-hosted request management system using Rust and TypeScript
- Designed backend with Axum, PostgreSQL, and integrated CI/CD pipelines for automated deployment
- Implemented Dockerized infrastructure with Docker Compose for local development and Docker Swarm for scalable deployment
- Monitored system metrics using Prometheus and Grafana, with log aggregation via Loki
- Configured secure web serving using Caddy and Nginx

Languages

- English
- Dhivehi