

Naser Husain Ali

Software Engineer

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EXPERIENCE

AWS

Software Engineer Intern

Feb 2026 - Jun 2026

- Built a research publication management system with Bahrain Polytechnic to manage staff books, journals, and related publications.
- Developed CI/CD pipelines and helped coordinate delivery across the team.

Penny Software

Software Engineer Intern

Aug 2025 - Nov 2025

- Maintained production application features using NestJS and Angular.
- Delivered updates for the Sourcing and Requests modules.

PROJECTS

Localhost

Reboot Coding Institute Project

- Built a high-performance HTTP/1.1 server in Rust using non-blocking I/O and epoll.
- Implemented GET, POST, DELETE, file uploads, cookies, sessions, and CGI support.
- Designed a single-threaded event-driven architecture.

Social Network Application

Reboot Coding Institute Project

- Developed a full-stack social network application using Go, SQLite, React, and TypeScript.
- Implemented posts, real-time messaging with WebSockets, group chats, and polls.
- Built a Go-to-TypeScript code generator to derive frontend types from backend structs for end-to-end type safety.

Visory

Senior Project

- Built a hypervisor management platform using Go, React, and TypeScript.
- Implemented VM and container management, RBAC, backups, and audit logging.
- Designed REST APIs and integrated monitoring and automation capabilities.

EDUCATION

Bahrain Polytechnic

Bachelor in ICT Programming

2022 - 2026 * Grad 2026

Studied core concepts such as Data Structures, Algorithms, Networking, Web Development, and Object-Oriented Design.

Reboot Coding Institute

Full Stack Developer

2024 - 2026 * Grad 2026

Full-stack developer program with a focus on software development and DevOps.

SKILLS

PROGRAMMING LANGUAGES

 C#  Go  Java  PHP  Python  Rust  TypeScript

DEVOPS & CLOUD

 Ansible  AWS  Azure  CI/CD  Docker  Kubernetes

BACKEND & APIS

 .NET  Convex  NestJS  oRPC

FRAMEWORKS

 Angular  Astro  React  React Native

DATABASES

 Drizzle  MongoDB  MySQL  PostgreSQL  Prisma  SQLite

AI TOOLS

 Claude Code  Codex  OpenCode