

Naser Husain Ali

Software Developer

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Experience

- AWS** Cloud Innovation Center Intern 02/2026 - 06/2026
- Built a research publication management system with Bahrain Polytechnic to manage and track staff books, journals, and related publications.
 - Developed CI/CD pipelines and managed the team.
- Penny Software** Software Developer Intern 08/2025 - 11/2025
- Worked with NestJS and Angular to maintain the app.
 - Added features to the Sourcing and Requests modules.

Projects

- Visory** Senior Project
- Built Visory, a hypervisor management platform using Go, React, and TypeScript.
 - Implemented VM/container management, RBAC, backups, and audit logging features.
 - Designed REST APIs and integrated monitoring and automation capabilities.
- HTRusty** Reboot01 Project
- Built a high-performance HTTP/1.1 server in Rust using non-blocking I/O and epoll.
 - Implemented support for GET, POST, DELETE, file uploads, cookies, sessions, and CGI.
 - Designed a single-threaded event-driven architecture.
- Networky** Reboot01 Project
- Developed a full-stack social network application using Go, SQLite, React, and TypeScript.
 - Implemented features including posts, real-time messaging with WebSockets, group chats, and polls.
 - Built a custom Go-to-TypeScript code generator to automatically derive frontend types from Go structs, ensuring end-to-end type safety.

Education

- Bahrain Polytechnic** ICT Programming 06/2022 - 06/2026
- Studied core concepts such as Data Structures, Algorithms, Networking, Web Development, and Object-Oriented Design.
- Reboot Coding Institute** DevOps specialization 06/2024 - 06/2026
- Full-stack developer program with a focus on software development and DevOps.

Skills

Programming Languages:

📄 TypeScript, 🇨🇸 C#, ☕ Java, 🚀 Go, 🐍 Python, 📄 PHP, 🦀 Rust

Tools and Frameworks:

🌐 React, 📄 ORPC, 🚢 Docker, 📄 Ansible, 📄 Convex, 📄 Angular, 🌐 React Native, 📄 Astro, 📄 AWS CDK, 📄 .NET, 📄 NestJS

Coding Agents: 🌟 Claude Code, Codex, Open code

Languages: Arabic (native), English (proficient)