

# Dardaoul Hoque

Fullstack Developer | Svelte | TypeScript | Go

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Dhaka, Bangladesh

Well-rounded Fullstack Developer with experience in Frontend, Backend, DevOps, Desktop Application Development, Mobile Application Development, Large Language Models. I'm a fast learner and can work with pretty much any tech stack.

## Work Experience

### Researcher and Freelance Developer

Jan 2025 - Present

Conducting research on how to make transformers more reliable.

### Associate Software Engineer

Jul 2024 - Dec 2024

*Streams Tech Ltd. | Dhaka, Bangladesh*

Worked as Lead DevOps engineer for a team of 20+ developers. Managed CI/CD with Jenkins and system monitoring with Open Telemetry. Implemented Change Data Capture (CDC) with Kafka and Debezium. Worked as Linux System Administrator for up to 6 machines.

### Software Engineering Intern

Jan 2024 - Jun 2024

*Streams Tech Ltd. | Dhaka, Bangladesh*

Worked as Backend and DevOps engineer with ASP.NET Core and Docker. Reverse-engineered an open-source project (KoboToolBox). Implemented custom DNS server with DNSMasq.

## Projects

### Neuromancer

Jan 2025 - Present

Real-time 3D Neural Network Visualizer built with Svelte, Three.js and Open Neural Network Exchange runtime.

### SQLite Clone

Nov 2024 - Dec 2024

Built a SQLite clone by leveraging Go's awesome concurrency model.

## Core Skills

Front-End Development, Svelte, React.js, React Native, MERN Stack, Go, Tailwind CSS, Web Scraping, Concurrent Programming, DevOps, Jenkins, Continuous Integration and Continuous Delivery (CI/CD), Open Telemetry, Nginx, Linux System Administration, Retrieval-Augmented Generation (RAG)

## Education

### University of Dhaka

Jan 2019 - Jan 2023

Bachelor of Science - BS Software Engineering