Dardaul (Rudro) Hoque
Full-stack Developer

🌐 rudro.me   ✉ hire@rudro.me

PROFILE
Well-rounded Full-stack developer with experience in Frontend, Backend, DevOps, LLMs, Cross-platform Desktop and Mobile App Development. I am eager to learn and adapt with my team's dynamic requirements.

EDUCATION
University of Dhaka   *Dhaka, Bangladesh*
Bachelor of Science in Software Engineering   *2019 – 2023*

SKILLS
Frontend: I have experience in building-

- Highly interactive and performant 3D graphics augmented site with Three.js and WebAssembly.
- SPAs with React.js and cross platform mobile app with React Native.
- Other frontend skills: Svelte, Solid.js, Tailwind CSS & SVG animation.

Backend:

- Built concurrent apps with Go, API servers with .NET Core and microservices with Node.js.

DevOps & Linux Sysadmin:

- Experience working as a Linux Sysadmin - I'm a zsh and Terminal Multiplexer poweruser.
- Experience with Docker containers, CICD and Open Telemetry.

EXPERIENCE
GizanTech   *Dhaka, Bangladesh*
Software Engineer   *2025 – Present*

- Currently leading a web development team. Handling diverse workload involving everything from React useEffects to Sysadmin.

Streams Tech Ltd.   *Dhaka, Bangladesh*
Associate Software Engineer (DevOps & SysAdmin)   *2024*

- Improved Developer Experience by-
  - Significantly reducing delivery time with optimized docker images, build cache & dedicated registry.
  - Streamlining CI-powered code merges that examines git blame and notifies respective developers responsible for a merge conflict.
  - Implementing a file server that replicates up to date test databases (useful for local debugging).
- Maintained high uptime of production server by providing on-call sysadmin services.
- Ensured end-to-end product delivery by co-ordinating with developers, testers and stakeholders.

Streams Tech Ltd.   *Dhaka, Bangladesh*
Software Engineering Intern (Backend & DevOps)   *2022–2023*

- Reverse-engineered an open-source project (https://github.com/kobotoolbox) and extended its API with .NET Core.
- Orchestrated a remote development environment for my team using Docker and Dnsmasq.

FEATURED PERSONAL PROJECTS
Neuromancer | https://neuromancer.rudro.me

- Real-time interactive 3D neural network visualizer.
- Tech Stack: TypeScript, Svelte, Three.js, Tailwind CSS and Open Neural Network Exchange Runtime (Web).
- Achieved high performance and responsive UI with WebAssembly, custom 3D shaders and a dedicated Web Worker.

SQLite Clone in Go | https://github.com/rudrowo/sqlite-clone

- Made from scratch with a heavy focus on concurrency.
- Made use of multiple goroutines to parse on-disk B-Trees and filter them in parallel.