

HAMIDUL ISLAM

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EDUCATION

| Degree | Institute | Year |
|--------------------------------------|---------------------------------|-----------|
| B.Sc. Computer Science & Engineering | BGC Trust University Bangladesh | 2020–2024 |

EXPERIENCE

Bright Brain AI *Jan 2025 – Present*
Founding Engineer / Next.js, Node.js, PostgreSQL, AWS, Docker *Remote (UK)*

- Led end-to-end engineering across **backend systems, frontend products, infrastructure, and architecture**.
- Designed scalable **REST APIs**, databases, deployments, internal tools, and production workflows.
- Operated with **founder-level ownership** from concept to production delivery.

Deal.AI *Mar 2022 – Dec 2024*
Founding Product Engineer / React.js, Node.js, LLM APIs, Automation *Remote (USA)*

- Built AI-powered customer products integrating **LLM workflows** into production systems.
- Shipped features rapidly across **frontend, backend, automation, and product layers**.
- Improved internal systems for speed, reliability, and iteration velocity.

Ayzenberg *Apr 2020 – Feb 2022*
Frontend Engineer / React.js, Next.js, CMS, APIs *Remote (USA)*

- Developed performant frontend applications using **React.js** and **Next.js**.
- Improved **rendering speed, SEO, accessibility**, and maintainable UI systems.
- Integrated APIs and CMS systems for scalable content delivery.

PROJECTS

School Management SaaS ourcampusbd.com
Node.js, PostgreSQL, AWS, Docker, Multi-Tenant Architecture

- Built and operate **revenue-generating SaaS platform** with paying customers.
- Includes **academics, finance, attendance, reporting, communication, admin** systems.
- Designed scalable backend, auth, and tenant-isolated architecture.

EasyBoard easyboard.hamidslab.com
React.js, PostgreSQL, Node.js, Charts, Dashboard Builder

- Built drag-and-drop dashboard builder for **CRUD panels, KPI cards, analytics**, and admin tools.
- Connects directly with PostgreSQL databases for rapid internal tool generation.

DistSim github.com/hamidlabs/distsim
Go, Distributed Systems, Concurrency, Replication

- Built distributed systems simulator for **communication, failures, replication, coordination**.
- Designed for experimentation with **fault-tolerant systems** concepts.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Go, Rust, Python, SQL, C/C++

Frameworks: React.js, React Native, Next.js, Gatsby, Express.js, Node.js

Developer Tools: Git, GitHub, Docker, AWS, Linux, Nginx, CI/CD, VS Code, Postman

Libraries: Tailwind CSS, Redux, Zustand, Chart.js, Prisma, Framer Motion

Backend: REST APIs, WebSockets, Authentication, Microservices, Queue Systems

Databases: PostgreSQL, MongoDB, Redis

Core Concepts: System Design, Distributed Systems, Scalability, Multi-Tenant SaaS, Performance Optimization