

Musa Abdullah

Full-Stack Developer

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PROFESSIONAL SUMMARY

I am a full-stack developer in Dhaka, finishing a Computer Science degree at AIUB. Most of what I build is commerce: catalogues, checkouts, courier dispatch and the admin surfaces the people behind the counter actually use. The rest is the infrastructure underneath - five client applications on a server I administer.

EXPERIENCE

Founder & Full-Stack Developer, Meta Edge IT

Jul 2025 - Present

Building and operating full-stack web platforms for clients, from schema through to the server they run on.

- Designed and shipped commerce and CRM platforms in React, Node.js and PostgreSQL
- Administer the Linux VPS running five client applications behind Traefik with automatic TLS
- Own the whole delivery path: data model, API, interface, deployment and maintenance

Full-Stack Web Developer, Minorminds Technologies

Mar 2024 - Jan 2025

Built and maintained client web applications alongside designers and other developers.

- Developed responsive web applications across frontend and backend
- Integrated third-party APIs and resolved production issues
- Collaborated through GitHub review workflows

Founder & Lead Developer, Circuit Mavericks

Dec 2022 - Present

Leading hardware-and-software projects across embedded systems, robotics and automation.

- Built prototypes integrating hardware with supporting dashboards and tooling
- Led multidisciplinary teams through research and build cycles

Advisor, AIUB Research & Development Club

Jul 2026 - Present

Advising the executive team on project planning and technical decisions, after serving as Technical & Creative Executive from April 2024 to June 2026.

- Mentor members through workshops, hackathons and research programmes
- Previously ran technical operations and digital platforms for club events

SKILLS

Frontend: React, TypeScript, Next.js, Vite, Tailwind CSS, Bengali-language UI

Backend: Node.js, Express, PHP 8, REST API design, Session & token auth

Data: PostgreSQL, Prisma, MongoDB, MySQL, Schema design & migrations

Infrastructure: Linux VPS administration, Docker & Compose, Traefik & TLS, PM2, GitHub Actions, Container registries

Machine learning: GPU inference deployment, MediaPipe

Commerce: SSLCommerz, UddoktaPay & bKash, Steadfast Courier, Meta Conversions API,

Cash-on-delivery flows

EDUCATION

BSc in Computer Science & Engineering, Computer Science & Engineering

American International University-Bangladesh

Jan 2021 - Present

Higher Secondary Certificate, Science

Dhaka Imperial College

Jan 2019 - Jan 2021

ACHIEVEMENTS

- Fire-fighting drone prototype - Selected by the ICT Division, Government of Bangladesh, to develop a prototype.
- First place, Information Technology - National Science Fair.
- SARAH, a humanoid AI robot - Designed and built the robot end to end.
- National award, photography
- President's Scout Award