Sabbir Hossain

Full-Stack Developer

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PROFESSIONAL SUMMARY

Self-taught full-stack developer writing code since 2021, building complete web systems from public-facing websites to admin panels, CRMs and real-time dashboards. Develops production web applications for established Bangladeshi brands at PKG IT, covering frontend, backend, databases, integrations and deployment. Uses AI-assisted development tools to accelerate implementation while maintaining a clear understanding of the code, architecture and functionality delivered.

PROFESSIONAL EXPERIENCE

Full-Stack Developer
2025 – Present

PKG IT, Bangladesh

- Build and maintain full-stack web applications using Next.js, Node.js and PostgreSQL, deploying to Vercel and self-managed VPS servers with Nginx and CI/CD.
- **Rainbow Paints (RFL Group):** Built the brand website and online store using Next.js and Node.js, featuring 260 shades, a colour visualizer and a showroom finder; developed its CMS and CRM administration system for orders, leads and job applications, integrating Socket.IO, webhooks and Python services for real-time updates.
- **ProtonBD:** Developed the back-office platform using React, Node.js and MySQL, combining CRM, CMS, sales and traffic analytics, and real-time visitor monitoring.
- **A1 Polymer:** Built the administration panel that manages a product catalogue of 145 products across 10 categories.
- **Property Lifts:** Developed the interactive 3D lift designer using three.js and built its analytics and content administration system.
- **Anwar Ispat:** Built the corporate website and admin CMS for one of Bangladesh's largest steel manufacturers.

SELECTED PROJECTS

Compressly – compresslyonline.blogspot.com
Developed a browser-based image and PDF utility platform featuring image compression, resizing, AI background removal and PDF tools. Designed file processing to run on the user's device without uploading files to a server.
Technologies: JavaScript, Canvas API, ONNX, PDF.js

JoyBlast Games – joyblast-games.vercel.app
Built a collection of nine casual browser games designed to run instantly on phones, tablets and PCs without requiring a separate game installation.
Technologies: JavaScript, HTML5 Canvas

TECHNICAL SKILLS

Frontend	React, Next.js, TypeScript, Tailwind CSS, Framer Motion
Backend	Node.js, NestJS, Express, REST APIs, GraphQL APIs, JWT, OAuth, WebSockets, Socket.IO, Webhooks, Python
Databases	PostgreSQL, MySQL, MongoDB, Redis
DevOps & Deployment	Docker, Nginx, CI/CD, VPS deployment, Vercel
Learning	Web application security

EDUCATION

Higher Secondary Certificate (HSC) — First Year Completed
Satirpara K K Institution School & College, Narsingdi

Secondary School Certificate (SSC)
Mymensingh, Bangladesh

LANGUAGES

Bengali — Native **English** — Basic