



JOY KUMAR SARKAR

FULL STACK WEB DEVELOPER

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GitHub : [@JoySarkarBD](https://github.com/@JoySarkarBD)

Portfolio : <https://devjoysarkar.vercel.app/>

CAREER OBJECTIVE

Results-driven Full Stack Developer & Backend Team Leader with proven experience in building scalable systems, optimizing performance, and leading development teams. Seeking to apply my expertise in TypeScript, Node.js, and modern web technologies to deliver efficient, secure, and innovative solutions.

EDUCATION

A.E.R.E School & College, Savar(Dhaka)

GROUP: SCIENCE

GPA: 4.33 OUT OF 5.00

WORK EXPERIENCE

Full Stack Developer

Freelancer.com - | Jan 2022 - Present

Profile: <https://www.freelancer.com/u/Joysarkarbd>

- Developed and deployed multiple SaaS platforms, including an internal Meal management tool and an e-commerce system, using React, Next.js, Node.js.
- Collaborated in a cross-functional team of multiple developers, improving speed by 20% with 4.9 average rating.
- Completed lots of projects and received positive feedback from clients.
- Worked on team projects, sometimes led the team as a team leader.

Full Stack Developer & Backend Team Leader

TechAnalyzen - Naogaon, Bangladesh | Jan 2021 - Present

- Led the backend development team, overseeing architecture design, code quality, and performance optimization. Designed and implemented scalable RESTful and GraphQL APIs using Node.js, TypeScript, NestJS, and Express.
- Managed relational and NoSQL databases (PostgreSQL, MongoDB, Redis) ensuring data consistency, caching, and high availability.
- Developed complex business logic modules (e.g., product, category, tax, shipping, coupon systems) using TypeORM and Prisma. Integrated secure authentication and authorization systems using JWT, OAuth2, and role-based access control (RBAC).

SKILLS

Front-End Technologies: ReactJs, Redux, Zustand, NextJS, Javascript, Typescript, ES6, CSS3, HTML5, SASS, Bootstrap, TailwindCss, Material UI.

Back-End Technologies: NodeJS, ExpressJs, MongoDB, Mongoose, GraphQL, REST API, Firebase, WebSocket, Redis, Ejs, PugJS, MySQL, Postgres.

Tools: VS Code, WebStorm, Docker, Git & Github, Gitlab, ESLint, Pritter, Jira, Trello, Notion, Slack, Heroku, Vercel, Netlify, Adobe XD, Figma, MS Office.

Languages: English, Hindi, Urdu & Bangla(Native).

PROJECTS

E-commerce Backend System (Recent Project)

Repo: [Backend](#)

Built a high-performance eCommerce backend using Node.js, TypeScript, PostgreSQL, and Redis with advanced modules for product, category, coupon, tax, and shipping management. Implemented GraphQL APIs, RBAC, and Redis caching for scalability and efficiency.

IDP-FULL-STACK-APP

Repo: [IDP-FULL-STACK-APP](#)

A full-stack web application built as part of an Individual Development Project (IDP), showcasing expertise in front-end and back-end development with secure authentication, responsive UI, RESTful APIs, and database integration. Designed & implemented using modern frameworks for scalability, maintainability, and user experience.