



# JOY KUMAR SARKAR

FULL STACK WEB DEVELOPER

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

**Address :** Manikganj, Bangladesh | [developer.joysarkar@gmail.com](mailto:developer.joysarkar@gmail.com) | **Phone :** +880 1681-928047

## 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:** [@Freelancer](#)

- Built and deployed multiple SaaS platforms — including a meal management and e-commerce system — using React, Next.js, and Node.js, achieving high performance and scalability.
- Led and collaborated with cross-functional teams, improving speed by 20% and maintaining a 4.9+ client rating across multiple successful projects.

### Full Stack Developer & Backend Team Leader

**TechAnalyzen** - Naogaon, Bangladesh | Jan 2021 - Present

- Led backend development, designing architecture, ensuring code quality, and optimizing performance. Built scalable RESTful and GraphQL APIs using Node.js, TypeScript, NestJS, and Express.
- Managed PostgreSQL, MongoDB, and Redis for consistency and high availability, and developed complex business modules (product, tax, shipping, coupon, etc.) with TypeORM and Prisma, integrating JWT, OAuth2, and RBAC for secure access control.

## SKILLS

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

**Back-End Technologies:** NodeJS, ExpressJs, NestJs, MongoDB, Mongoose, GraphQL, Apollo Federation, 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 to improve scalability and efficiency, achieving up to 30% faster query response times and overall system performance.

### IDP-FULL-STACK-APP

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

Developed a full-stack web application as part of an Individual Development Project (IDP), demonstrating proficiency in both front-end and back-end development. Implemented secure authentication, responsive UI, RESTful APIs, and seamless database integration using modern frameworks — ensuring scalability, maintainability, and an optimized user experience.