JOY KUMAR SARKAR

FULL STACK WEB DEVELOPER

Address : Manikganj, Bangladesh
Email : developer.joysarkar@gmail.com
Phone : +880 1681-928047 (WhatsApp)

LinkedIn : @JoySarkarBD
GitHub : @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: @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, Meterial 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 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.