

BIKASH BOHARA

FULL STACK DEVELOPER

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 <https://github.com/programmer092>

SUMMARY

Full Stack Developer with hands-on experience building scalable, production-ready web applications using React, Next.js, Node.js, and NestJS. Skilled in designing RESTful APIs, implementing CI/CD pipelines, and deploying apps with Docker and AWS. Proven ability to deliver real-time features with WebSockets, handle background tasks using Redis queues, and ensure smooth user experiences with form validation and secure authentication. Currently pursuing a B.Sc. CSIT, I bring a strong foundation in both front-end and back-end development, with a focus on performance, clean architecture, and continuous improvement.

TECHNICAL SKILLS

- **Frontend:** React, Next.js, TypeScript, TailwindCSS
- **Backend:** Node.js, Express.js, NestJS, REST APIs
- **Database:** PostgreSQL, MongoDB, MikroORM, TypeORM
- **DevOps:** Docker, GitHub Actions, AWS (EC2, S3, SES, ECR, Secrets Manager), Redis, Firebase, CI/CD, WebSockets
- **Tools:** Git, Cloudinary, CMS Platforms

PROFESSIONAL EXPERIENCE

JUNIOR FULL STACK DEVELOPER | Jan 2025 - Jun 2025

Hivcore Technologies Pvt Ltd.

- Implemented CI/CD pipelines using GitHub Actions to automate deployment.
- Gained comprehensive knowledge of CRM systems, enhancing my ability to integrate and optimize solutions from a development perspective.
- Enabled live updates and real-time synchronization with WebSockets in a Next.js app.
- Implemented Redis-based queue mechanism in NestJS to handle background jobs asynchronously, improving system scalability and response time.
- Debugged and optimized deployment workflows and system performance through Docker logs, and manual SSH into EC2 instances.
- Applied PostgreSQL database migrations automatically in production using tools like MikroORM ensuring database schema consistency.
- Developed and maintained RESTful APIs using NestJS, following modular architecture, dependency injection, and scalable service-based design.
- Worked on a cron job in EC2 to remove unused Docker volumes and reclaim storage space.
- Gained hands-on experience with various AWS services including ECR, S3, EC2, SES, and Secrets Manager.
- Implemented Esewa digital wallet for secure customer payments.

FULL STACK INTERN | Oct 2024 - Dec 2024

Hivcore Technologies Pvt Ltd.

- Worked on a Next.js project, improving frontend architecture and optimizing rendering techniques
- Integrated rich text editors like Tiptap, enhancing content management with advanced features and a smooth user experience.
- Resolved build errors and optimized production workflows, significantly improving application performance and stability.
- Implemented Zod validation for robust form handling, ensuring data integrity and seamless user input validation.

EDUCATION

Patan Multiple Campus | 2021- Present
B.Sc.CSIT

Viswa Niketan Secondary School | 2018 - 2020
Secondary School