

Nilabhra Biswas

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Career Objective

Aspiring Software Engineer and Full Stack Developer with strong foundations in Data Structures, Algorithms, and backend development, seeking to build scalable, secure, and efficient web applications using MERN stack and RESTful APIs while continuously learning modern technologies.

Technical Skills

- **Programming Languages:** Java, SQL, JavaScript
- **Web Development:** Node.js, Express.js, React.js, HTML, CSS, MongoDB
- **Core Concepts:** Data Structures and Algorithms, Object-Oriented Programming (OOP), Database Management Systems
- **Backend Skills:** RESTful API Development, Authentication & Authorization, MVC Architecture
- **Tools & Platforms:** Git (Version Control), VS Code

Education

Haldia Institute of Technology — B.Tech in Information Technology 2022–2026
CGPA: 8.44 (up to 6th Semester)

Basirhat Town High School (WBCHSE, Class XII) — 79.83% 2021

Taki Ramakrishna Mission High School (WBBSE, Class X) — 88.28% 2019

Projects

Student Activity Management System — Full Stack Web Application

- **Technologies:** Node.js, Express.js, MongoDB, REST APIs, MVC Architecture, JWT, bcrypt, Multer, Cloudinary
- Designed and developed a role-based RESTful API system enabling secure authentication, CRUD operations, student activity tracking, approval workflows, and document uploads.
- Implemented authentication and authorization using JWT and bcrypt, ensuring secure access control across multiple user roles.
- **GitHub:** [Student-Activity-Management-System](#)

Hotel Management System — Full Stack Web Application

- **Technologies:** MERN Stack, REST APIs, MongoDB, MVC Architecture, Clerk Authentication, Stripe Payments
- Built a REST API-driven hotel booking and administration platform with secure user authentication, online payment integration, and full CRUD functionality.
- Deployed the application on Vercel with production-ready backend and database integration.
- **GitHub:** [hotel-booking-app](#)

Certifications

- Full Stack Development + Machine Learning with Python + Cloud Computing — Databits Tecnologia
- From Learner to Builder: Become an AI Agent Architect — IBM

Relevant Coursework

Data Structures and Algorithms, Database Management Systems, Operating Systems