

Kaushik Rajbongshi

Full-Stack Developer (MERN / Next.js / NestJS)

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Summary

Full-stack developer experienced in building scalable web applications using the MERN stack, Next.js, and NestJS. Skilled in designing REST APIs, relational and NoSQL databases, authentication systems, Redis caching, and background job processing with BullMQ. Gained hands-on experience in AI/LLM evaluation through paid projects at Outlier and currently building AI-powered document management solutions. Pursuing an MSc in Computer Science at Gauhati University (expected 2026).

Technical Skills

- Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3
- Frontend:** React.js, Next.js, Tailwind CSS, Bootstrap, Responsive Design
- Backend:** Node.js, Express.js, NestJS, REST API Design, Authentication
- Databases:** MongoDB, MySQL (Prisma ORM), Redis
- AI & Background Processing:** Gemini AI, BullMQ, Redis Caching
- Tools & Platforms:** Git, GitHub, Postman, VS Code, Cloudinary, Firebase, Vercel, Render
- Concepts:** JWT, OAuth, RBAC, MFA, Database Optimization, Asynchronous Processing, Debugging

Experience

AI Model Evaluator – Outlier (Part-time, Remote)

April–May 2026

- Evaluated AI-generated code and technical responses for correctness, quality to project guidelines, contributing to LLM training and evaluation pipelines.
- Reviewed outputs across multiple programming languages and frameworks, strengthening analytical, debugging, and code review skills.

Projects

DocLocker – AI-Powered Cloud Document Management Platform doclocker.kaushikrajbongshi.in *Next.js, MongoDB, MySQL, Redis, BullMQ, Gemini AI, Cloudinary, JWT, Vercel, Render*

- Built and deployed an AI-powered cloud document management platform currently used by 10+ active users for securely storing, organizing, and managing personal documents.
- Extended the platform with Redis and BullMQ to process AI-powered PDF summarization asynchronously, integrating Gemini AI for automatic document summaries and real-time job status tracking.

Academic Module Tracker

Next.js, NestJS, TypeScript, Prisma, MySQL, JWT, jsPDF, Tailwind CSS

- Designed and developed a role-based academic progress tracking platform for the Computer Science Department, Gauhati University, enabling administrators, HODs, and faculty to monitor syllabus completion in real time.
- Migrated the backend from Next.js API routes to a standalone NestJS REST API across a 15-table Prisma/MySQL database while preserving existing functionality.
- Implemented JWT authentication, role-based access control, automated progress reporting, and PDF export to streamline departmental academic monitoring.

Ward-Level Waste Segregation & Pickup Optimizer (National Hackathon – SDG-12)

JavaScript, Node.js,

MongoDB, Nearest-Neighbor Routing

- Led a 5-member team to develop a smart waste collection platform during a National Hackathon, enabling citizen pickup requests and collector dashboard management.
- Developed backend REST APIs and implemented a nearest-neighbor route optimization algorithm to generate efficient waste collection routes.

Education

MSc in Computer Science – Gauhati University, Assam, India

2024–2026 (Pursuing)

BSc in Computer Science – Pub Kamrup College, Gauhati University, Assam, India

2021–2024 | 76%

Certifications & Achievements

- National AI/ML Hackathon (YUVAAN 2026) – Participant, IIT Hyderabad
- GUenARK SIH 1.0 – Participant, Innovation & Incubation Cell, Gauhati University
- Full-Stack Development 101 – Simplilearn SkillUp (Certificate #9471669)
- Python Programming – ITC Certified Program