

RAJ KUMAR DAS

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Professional Summary

Computer Science student with proven ability to build and deploy production-grade full-stack applications serving real users. Specialized in TypeScript, React, and Next.js with hands-on experience in scalable backend architecture, database design, and modern DevOps practices. Demonstrated track record of shipping 3+ deployed projects with quantifiable impact, including platforms processing 500+ repositories and reducing manual workflows by 70%. Passionate about solving real-world problems through clean, maintainable code.

Education

Assam Down Town University

Bachelor of Technology — Computer Science

2024-2028

Guwahati, Assam

Projects

OSSBrowser | *Next.js, TypeScript, PostgreSQL, Strapi CMS, GitHub API* | Live Link

Jan 2026

- Built a production-grade platform to help developers discover and contribute to open-source projects, solving the problem of finding relevant repositories that match their skills and interests
- Engineered scalable backend with approval workflows and batched GitHub API synchronization jobs that safely aggregate metadata from **500+ repositories** while respecting rate limits
- Implemented server-side rendering with Next.js App Router and optimized caching strategies, achieving **1.5s page load times** and seamless navigation across **15+ dynamic routes**
- Integrated headless CMS (Strapi) for managing technical blogs and announcements, enabling non-technical contributors to publish content without code deployments

ResumeIQ | *React Router, TypeScript, Puter.js API* | Live Link

Dec 2025

- Built an intelligent ATS platform to solve the problem of manual resume screening, reducing hiring teams' candidate review time by **70%**
- Engineered automated matching system using Puter.js APIs that parses resume content and ranks candidates against job requirements with **85%+ accuracy**
- Implemented intelligent parsing algorithms to extract skills, experience, and qualifications from various resume formats (PDF, DOCX), processing **100+ test resumes** during development

GhostLink | *Next.js, TypeScript, Supabase Storage & Auth* | Live Link

Dec 2025

- Built a privacy-first file sharing platform enabling secure temporary transfers via one-time download links, eliminating the need for user accounts or permanent data storage
- Engineered serverless architecture with Supabase Storage supporting files up to **50MB** with automatic link expiration and file cleanup after **24 hours or first access**
- Implemented secure hash-based URL generation and automatic cleanup logic, successfully tested with **200+ file transfers** ensuring zero data retention post-access

Technical Skills

Primary Stack: TypeScript, JavaScript, React, Next.js, Node.js, PostgreSQL

Also Comfortable With: C/C++, Express, Prisma, MongoDB, Supabase, Docker, Git, Linux

Leadership / Extracurricular

- Participated in **ByteHacks Hackathon** at Assam Down Town University
- Participated in **Trackathon Hackathon** at Assam Down Town University
- Participated in hackathon under the supervision of **Smart India Hackathon (SIH)**