DHRUP KUMAR SINHA

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GitHub | LinkedIn

PROFESSIONAL SUMMARY

Full Stack Developer with **3+ years** of experience building scalable web applications using **React.js, Node.js, and AWS**. Delivered **15+ projects** with measurable outcomes, including **60% cost reduction** and **50% faster user workflows**. Proficient in end-to-end development, cloud architecture, and Agile methodologies.

TECHNICAL SKILLS

- **Frontend:** React.js, Next.js, TypeScript, JavaScript, Tailwind CSS
- **Backend:** Node.js, Express.js, RESTful APIs, Hono, Prisma
- **Databases:** PostgreSQL, MongoDB, Oracle SQL
- **DevOps:** AWS EC2, Docker, Terraform, CI/CD Pipelines, Vercel
- **Tools:** Git, Postman, JWT, Redis, Agile

PROJECT EXPERIENCE

Plumber Service Provider Application | React.js, Node.js, AWS, PostgreSQL

- Built a real-time booking system that reduced scheduling time by **50%** for **1,200+ monthly users**.
- Migrated legacy infrastructure to AWS using **Terraform**, cutting annual costs by **$8K** and deployment time by **40%**.
- Optimized PostgreSQL queries with Prisma ORM, improving database efficiency by **35%**.
- **Demo:** prop12.vercel.app

High-Performance Blog Platform | React.js, TypeScript, Hono, PostgreSQL

- Achieved **<1s load time** using Vercel optimizations, boosting user retention by **25%** (500+ daily users).
- Reduced API latency by **40%** with serverless architecture and Prisma ORM, maintaining **99.9% uptime**.
- Secured **10K+ monthly API requests** with JWT authentication and rate limiting.
- **Demo:** medium-blog.vercel.app

WORK EXPERIENCE

Freelance Full Stack Developer | Upwork (Remote)
March 2024 – Present

- Developed **12+ full-stack applications** for clients in e-commerce and logistics, achieving **100% on-time delivery**.
- Reduced API latency by **30%** using Redis caching, supporting **50K+ monthly requests**.
- Automated AWS EC2 deployments with CI/CD pipelines, cutting downtime by **40%**.

EDUCATION

Master of Computer Application (MCA) | Brainware University, Barasat
2024–2026 (Expected)

Bachelor of Computer Application (BCA) | Brainware University, Kolkata
2021–2024 | CGPA: 8.29/10

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** | Amazon Web Services (Expected Dec 2024)
- **Full Stack Development Certification** | 100Xdevs (ID: U3PWPODR)

LANGUAGES

- English (Professional) | Hindi (Native) | Bengali (Basic)
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