Bibek Kumar Mahato

GitHub | Leetcode | LinkedIn | Portfolio | kushwahabibek33@gmail.com | 9835544810

SUMMARY:

Full-Stack Software Engineer with expertise in Microservices Architecture and scalable web applications. Proficient in the MERN stack, TypeScript, and cloud infrastructure using AWS (EC2, RDS, S3) and Docker. Specialized in building event-driven systems with Apache Kafka and integrating AI-powered features. Proven problem solver with 350+ coding challenges solved across LeetCode and GFG.

EDUCATION

Noida International University | B.Tech(CSE) | 2022 – 2026   **CGPA: 8.64/10.0**

Oxford Advance Engineering College | Diploma | 2022   **74.52%**

PROJECTS & EXPERIENCE

Enterprise-Rental-App   GitHub

- Developed a full-stack property engine using Next.js and Node.js supporting complex property listings, tenant bookings, and dedicated landlord dashboards.
- Architected scalable cloud infrastructure on AWS (EC2, RDS, S3), supporting high availability and efficient asset retrieval for large media uploads.
- Implemented role-based authentication using AWS Cognito, securing access for multiple user roles (landlords, tenants) across the platform.
- **Tech Stack:** Next.js, React, Node.js, AWS (EC2, RDS, Cognito, S3), PostgreSQL, shadcn/ui

Job-Platform: Scalable Microservices Job Portal   GitHub

- Architected a microservices-based Job Portal using Node.js and Next.js , implementing an event-driven architecture via Apache Kafka to handle communication across 5+ services.
- Improved API response times by 30% by integrating Redis for distributed caching and optimized inter-service communication.
- Engineered core business features including a Razorpay subscription system , real-time notifications , and secure multi-account dashboards for recruiters and seekers.
- **Tech Stack:** Next.js, Node.js, Express.js, PostgreSQL, Apache Kafka, Redis, TypeScript, Docker

SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript, C, C++, Java
- **Frameworks & Libraries:** React, Next.js, Node.js, Express, RESTful APIs, Shadcn/ui
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Cloud & DevOps:** AWS (EC2, RDS, S3, Cognito), Docker, GitHub Actions
- **Message Brokers & Caching:** Apache Kafka, Redis
- **Tools:** Git, GitHub Actions, VS Code, Postman, Prisma, Razorpay API

CERTIFICATIONS

- Data Structure and Algorithm – Codehelp
- Full Stack Web Development – Udemy

ACHIEVEMENTS

- Solved **350+ coding problems** across platforms: LeetCode (250+) and GeeksforGeeks (85).