

Subhadeep Datta

Full Stack Engineer | Backend Engineer

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Results-driven Technology Leader with 4+ years of experience architecting distributed systems and leading engineering teams at scale. Proven track record of delivering high-performance solutions with 99.9% uptime, reducing infrastructure costs by 25%, and driving innovation through modern tech stacks including Java, Python, Node.js, and cloud technologies while mentoring cross-functional teams in fast-paced environments.

PROFESSIONAL EXPERIENCE

Noisiv Consulting - Chief Technology Officer (CTO) June 2023 - Present

- Orchestrated the growth of three engineering teams (25+ engineers) across backend, frontend, and DevOps, pioneering a matrix management structure that accelerated cross-team collaboration
- Spearheaded technical roadmap and architecture vision, delivering enterprise solutions to Fortune 500 clients with 99.9% uptime
- Engineered scalable backend systems processing millions of daily API requests with 99.9% uptime using Java, Python, and Node.js
- Designed optimized database schemas yielding 60% faster response times and 45% improved throughput using MongoDB and PostgreSQL
- Forged strategic partnerships with key technology vendors, achieving 25% reduction in infrastructure costs

Qid - Technology Lead June 2022 - November 2024

- Led development of a FITT-incubated (IIT Delhi) digital check-in platform processing 100,000+ verifications with 99.9% uptime in low-connectivity environments
- Built and mentored a cross-functional team of 5 engineers, establishing coding standards and implementing agile methodologies that improved delivery time by 30%
- Spearheaded technical vision and architecture decisions, resulting in a scalable system handling 5x traffic spikes during peak hours
- Successfully integrated with India Stack APIs, ensuring regulatory compliance while maintaining system scalability

Noisiv Consulting - Partner Technology Manager September 2021 - June 2023

- Built and mentored a team of 8 developers across multiple projects, implementing agile practices that improved delivery efficiency by 40%
- Led technical strategy for 20+ enterprise clients, managing stakeholder relationships and ensuring alignment with business objectives
- Architected and deployed microservices infrastructure reducing system downtime by 60% while supporting thousands of concurrent users
- Established technical best practices and code review processes, improving code quality and reducing bug reports by 45%

Vidtorrium India - Software Engineer Intern October 2020 - August 2021

- Contributed as a Full Stack Developer, optimizing backend performance by migrating from PHP to Golang
- Achieved 3x processing speed improvement and boosted active user engagement by 40%
- Developed and launched Bharat Oxygen within 72 hours during COVID-19 crisis, connecting 1,500+ users with critical resources

LEADERSHIP & CONFERENCES

Global Dialogue Forum - Conference Organizer 2022 - 2023

- Led The Sustainable Industry Summit (March 2023), bringing together leaders from Valeo India, International Solar Alliance, and TERI to address North-South sustainable development challenges
- Organized Diversity and Conformity conference (Oct 2023) featuring Supreme Court Justice and policy leaders, examining India's cultural identity in modern context
- Executed Indo-Pacific Security Summit (Oct 2022) in Shillong, convening US Navy, Indian Army executives, and state leadership to address regional cybersecurity

TECHNICAL EXPERTISE

Programming Languages

JavaScript/TypeScript, Java, Python, Golang, C++

Cloud & DevOps

AWS, Docker, Kubernetes, CI/CD, Microservices, Terraform, Jenkins

Frameworks & Libraries

ReactJS, NodeJS, ExpressJS, Spring Boot, AngularJS, NestJS, Flutter

AI & ML

Custom Models, RAG Models, Fine-tuning, TensorFlow, PyTorch, LLMs

Databases & Messaging

MongoDB, Redis, Kafka, MySQL, PostgreSQL, DynamoDB

Leadership & Methodologies

Team Leadership, Agile/Scrum, System Design, Distributed Systems, Technical Roadmapping

CERTIFICATIONS & ACHIEVEMENTS

- BCG Strategy Consultant Job Simulation** (2025) - Enterprise digital transformation strategy and implementation
- IBM Certifications:** Aptio Cloudability Technical Sales (2024), Turbonomic Technical Sales (2024)
- Harvard CS50** (2020) - Introduction to Computer Science

EDUCATION

Bachelor of Science in Information Technology - Jamia Hamdard University, New Delhi GPA: 3.45/4.0

- Specialized in Artificial Intelligence; Led technical team in developing social media optimization & marketing tool with AI
- Secretary of Conference & CSR Activity; Core coursework: Data Structures, Algorithms, Cloud Computing & Artificial Intelligence