

Aishwat Singh

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Objective

Lead Engineer with a decade of experience in software development and leading cross-functional teams to deliver projects that drive business growth and operational efficiency. Eager to bring a blend of technical expertise, leadership acumen, and strategic planning to a challenging new role.

Professional Experience

Lead Engineer, Tesco, London UK (2024 – Present)

- Leading decomposition of a monolithic GraphQL app into federated subgraphs using Apollo Federation, enhancing modularity and scalability.
- Implementing observability as code, reducing incident resolution, streamlining monitoring and debugging processes.
- Optimized API infrastructure by implementing normalized headers and introducing request timeout mechanisms to improve stability and performance.

Lead Engineer Backend, Vitamojo, London UK (2022 – 2024)

- Integrated UberEats and JustEats with Vitamojo software, leading to a 35% surge in customer visits and a 50% boost in overall spending.
- Spearheaded the development and certification of the France Fiscalization system, enabling Vitamojo's expansion in France.
- Managed engineers in integrating Subway APIs using AWS Step Functions and implementing Worldline payments.

Lead Engineer, Reliance Jio Platforms, Bangalore India (2021 – 2022)

- Spearheaded the development of Jio's subscription engine, resulting in a 30% increase in bundled service subscriptions.
- Architected and oversaw 15+ Node.js microservices for 300+ million Jio users.
- Engineered REST API for subscription actions, achieving an average response time reduction from 150ms to 80ms.

Senior Engineer, Target Corporation, Bangalore India (2017 – 2021)

- Developed an AI-driven customer satisfaction tool for Target Accelerator Program
- Built a Revenue as a Service platform, recovering over £2 million per quarter from vendor income leakage.
- Led a learning initiative aimed at upskilling the entire team towards full-stack engineering.

Software Developer, Tesco PLC, Bangalore India (2015 – 2017)

- Optimized supply chain management software, reducing processing time by 40%.
- Automated key operational processes, achieving significant improvements in workflow.

Research Intern, CERN, Geneva Switzerland (2013)

Compared accuracy of luminosity measurement methods (HF and ET-sum) and published the findings in a CERN newsletter

Education

Bachelor of Technology in Computer Science, National Institute of Technology Goa, India - 2014 GPA: 9.17/10

Certifications

- Project Management Professional (PMP)
- Apollo GraphQL Developer – Professional
- AWS Certified Developer Associate
- Deep Learning Specialization, Coursera
- Certified System Design Engineer
- GMAT 700, GRE 319, TOEFL 106, IELTS 7.5

Skills

Programming Languages: JavaScript, TypeScript, Python, Java

Backend Technologies: Node.js, NestJS, GraphQL

Frontend Technologies: React.js, Next.js

Databases: NoSQL dbs - MongoDB, DynamoDB, Neo4J

DevOps & Cloud: Docker, Terraform, AWS

Soft Skills: Agile Project Management, Strategic Leadership

Portfolio: aishwat.com

Notice Period: 1 week