

MAHESH INDER

SENIOR FULL STACK / BACKEND ENGINEER

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PROFILE SUMMARY

Senior Full Stack Engineer with 7+ years of experience building real-time, event-driven systems across fintech, e-commerce, blockchain, and AI-enabled analytics.

Strong expertise in Node.js, TypeScript, React.js, AWS, Kafka, and applied AI, with hands-on experience in payment systems, AI-driven insights, and decentralised applications. Focused on reliability, clean architecture, and measurable business impact.

SKILLS

Languages & Runtime

JavaScript, TypeScript, Node.js

Backend & Architecture

Event-driven systems, Microservices, REST APIs, Domain-Driven Design (DDD)

Cloud & Infrastructure

AWS (Lambda, ECS, EC2, SNS, SQS), Docker

Data & Messaging

MongoDB, PostgreSQL, Kafka, Elasticsearch

AI & Analytics

Applied AI pipelines, LangChain, real-time analytics

Blockchain

Ethereum, Solidity, Smart Contracts

Frontend & UI

React, HTML, CSS, Design systems, UI collaboration

WORK EXPERIENCE

Senior Full Stack / Backend Engineer

March, 2024 – Present

Emirates NBD – Dubai, UAE

- Built real-time payment tracking systems using event-driven architecture (AWS Lambda, Kafka).
- Developed the Statement Manager module for the Business Online app, enabling secure downloads of account, credit card, loan, and FD statements.
- Worked on a polyglot backend using Rust and Node.js, focusing on performance, reliability, and compliance.

Full Stack Engineer

December, 2021 – December, 2023

Noumena – Miami, USA

- Built backend services for a professional social network and financial support platform for freelancers, enabling them to network, hire teams, and fund or buy ideas.
- Designed and implemented Node.js microservices using Domain-Driven Design, supporting scalable user, transaction, and engagement workflows.
- Developed AI-powered analytics pipelines (LangChain) to extract behavioural and financial insights from transactional data.
- Contributed to blockchain-integrated workflows, including smart contract interactions and decentralised data flows.

Full Stack Engineer

December, 2020 – December, 2021

Tokopedia – Noida, India

- Developed backend APIs for a high-traffic mobile web application with strict performance and latency requirements, later showcased at Google I/O.
- Built internal admin tools used to manage large-scale sales campaigns and dynamic content across Tokopedia's Discovery platform.

Full Stack Engineer

January, 2019 – December, 2020

To The New – Noida, India

- Led API development for Kokaihop.se, designing scalable backend services.
- Improved real-time search performance by integrating Elasticsearch, reducing query latency by ~20%.