

Nitesh Nandan

Senior Software Development Engineer

Senior Backend Engineer with 7+ years building scalable distributed systems, event-driven pipelines, and low-latency microservices. Operated 700M+ events/day systems, now scaling to 1.2B+. Skilled in Java, Spring Boot, Kafka, Redis, MySQL, GCP, AWS, and Kubernetes. Recently working on GenAI and Agent-driven solutions using LangChain, CrewAI, LangGraph, MCP, and RAG. [Recent Projects](#)

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🐙 github.com/Nitesh-Nandan

WORK EXPERIENCE

Software Engineer - 3 Wayfair

05/2024 - Present

Bengaluru, India

Achievements/Tasks

- Engineering components of the **Findability Service**, which manages product visibility across global marketplaces.
- Working on an asynchronous event pipeline processing **700M+ events/day**, and contributing to its re-architecture for **1.2B+ scale** and supporting a high-traffic read API with **P99 latency under 100ms**.
- **Technology:** Java, Spring Boot, Kafka, Bigtable, BigQuery, Redis, Kubernetes, Docker, gRPC.

Software Development Engineer - 3 Meesho

07/2022 - 05/2024

Bengaluru, India

Achievements/Tasks

- Delivered **~50% infra cost reduction** by introducing local caching, optimizing Redis pub-sub, consolidating large entities, and improving gRPC communication; additionally reduced DB cost by **25%** through targeted schema and performance optimizations.
- Owned **5 production services**, including **2 P0 systems handling 50K-70K RPS**, ensuring reliability, performance, and continuous feature development.

SDE-2 Meesho

06/2022 - 06/2023

Bengaluru, India

Achievements/Tasks

- Contributed to supplier acquisition systems that enabled **4x growth in the supplier community within one year**, improving onboarding efficiency and overall experience through platforms like Referrals, Supplier Data Platform, and Agency Panel.
- Led efforts to remove monolithic dependencies, improving scalability and reliability by collaborating closely with cross-functional teams.

Software Engineer imimobile (part of Cisco)

12/2019 - 06/2021

Hyderabad, India

Achievements/Tasks

- Improved group creation time significantly by redesigning the de-duplication workflow and developing flexible, reliable components using RabbitMQ, MySQL, PHP, and Docker.

Associate Software Engineer HighRadius

05/2018 - 06/2019

Hyderabad, India

Achievements/Tasks

- Designed and Developed EDI(Electronic Data Interchange) parser from scratch and saves companies' operational costs.

SKILLS

BigQuery

BigTable

CrewAI

DSA

GenAI

Java

Kafka

LangChain

MCP

MySQL

Postgress

Redis

System Design

PERSONAL PROJECTS

Build A prototype of HTTP Webserver.

- Learn about TCP connections, HTTP headers, HTTP verbs, handling multiple connections and more.

Upstox MCP Server [↗](#)

- Model Context Protocol server for Upstox trading platform integration, Real-time market data and trading operations. [More Projects](#)

EDUCATION

Computer Science & Engineering National Institute of Technology Patna

08/2014 - 05/2018

Patna, India

ACHIEVEMENTS

Bagged 5 batches including 1 Gold, 1 Silver in different contests organized at HackerRank. (03/2017 - 09/2017)

Qualified for Google Code Jam Round 1

Secured 100% marks in the online test of Data Structure & Algorithm conducted by NIIT.

COURSES

Java Multithreading, Concurrency & Performance Optimisation

Udemy

Long-Term Agentic Memory With LangGraph



DeepLearning

MCP Masterclass [↗](#)

Udemy

Practical Multi AI Agents and Advanced Use Cases with crewAI [↗](#)

DeepLearning