

Siddharth Aswal

+91 9997490937 | Gurugram | aswalsiddharth99@gmail.com | LinkedIn | Portfolio

SUMMARY

Full Stack Developer with 4 years of experience building high-performance backend systems, APIs, and event-driven microservices using TypeScript, NestJS, React.js, and AWS.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL

Backend: Node.js, NestJS, Express.js, REST APIs, WebSockets, Jest

Databases: PostgreSQL, DynamoDB, MongoDB, MySQL, Redis

Cloud/DevOps: AWS (Lambda, SQS, SNS, S3, SES, EC2, CloudWatch), Docker, Git, CI/CD

Architecture: Microservices, Serverless, Event-Driven Systems, Distributed Systems, Caching, Agile

EXPERIENCE

Tata AIG General Insurance

Apr 2024 – Jan 2026

Software Engineer

Gurugram

- Built event-driven Lambda + SQS + SNS document pipeline for Tata AIG's motor insurance vertical (8,000 Cr+ annual revenue), serving thousands of customers daily with 99.9% delivery reliability.
- Designed reporting pipeline generating 70K+ record reports, reducing sync-failure detection time by 70% across downstream systems.
- Integrated a NestJS/ReactJS support portal with 3 core systems via real-time event streams, reducing incident diagnosis time and MTTR by 40%.

EY

Mar 2023 – Apr 2024

Associate Consultant

Gurugram

- Built server-side microservices for end-to-end quote generation and issuance, automating underwriting logic across 5+ product lines and cutting quote turnaround from days to minutes.
- Delivered a full-stack CRM replacing a legacy platform with rule-based orchestration and priority queues, improving resolution efficiency by 60%.
- Automated endorsement processing for millions of insurance records with built-in validation rules, reducing manual intervention by 50%.

Henceforth Solutions Pvt. Ltd.

Mar 2021 – Feb 2023

Jr. Node js Engineer

Mohali

- Built backend services for 3 Web3 applications from scratch, handling 50K+ monthly active users at 99% uptime.
- Set up Redis pub/sub WebSocket infrastructure for real-time messaging across distributed instances, hitting sub-50ms latency.
- Scaled ride-hailing backend to 10K+ concurrent WebSocket connections via message queues, ensuring zero data loss in matching flows.

PROJECTS

Distributed Rate Limiter Service | NestJS, Redis, Lua

2023

- Built a distributed rate limiter using Redis + Lua scripting to enforce atomic throttling across horizontally scaled microservices.
- Validated fault tolerance under load via Autocannon across multiple replicas, confirming 1m+ req/s capacity.

EDUCATION

Master of Computer Applications

2019 – 2021

Graphic Era Hill University

Dehradun, India

Bachelor of Computer Applications

2016 – 2019

MJP Rohilkhand University

Bareilly, India