

SIDDHARTH ASWAL

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SUMMARY

Fullstack Engineer(Backend-Heavy) with 4+ years of experience building scalable Node.js/TypeScript systems on AWS. Strong in microservices, serverless, event-driven architectures, security (JWT/OAuth), and high-throughput systems. Delivered production platforms across Insurance (Health and Motor LOB) and Web3.

EDUCATION

Master of Computer Application, Graphic Era Hill University
Bachelor of Computer Application, M.J.P.R.U

2019 - 2021
2016 - 2019

SKILLS

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|-----------------------------------|--|
| Backend & Architecture | Node.js, Express.js, NestJS, REST APIs, Microservices, WebSockets |
| Languages | JavaScript, TypeScript, SQL |
| Security and scale | JWT, OAuth2, rate limiting, idempotency, caching |
| Cloud (AWS) | Lambda, SQS, SNS, S3, IAM, EC2, CloudWatch, CodeCommit |
| Databases | MongoDB, MySQL, PostgreSQL, Redis, data modeling, query optimization |
| DevOps & Tools | Docker (personal projects), CI/CD pipelines, Git, Swagger/OpenAPI |
| Other | React.js, web scraping |

EXPERIENCE

Software Engineer, TATA AIG General Insurance, Gurugram

Apr 2024 - Present

- Implemented the **DocIT** document generation service in the **Bolt**(core health service) platform to automate policy document creation for Tata AIG's **high-adoption MediCare Select** health insurance product, serving more than **1 million** policyholders and improving **reliability** across New business, renewal, and endorsement lifecycles.
- Implemented a **high-throughput GC sync** report download in Footprint, enabling **70k+ policy records** to be exported within **seconds** to diagnose Bolt-GC synchronization **issues**.
- Integrated **IMS, Pace, and Bolt APIs** into the **Bolt Support page of Footprint** using **NestJS (backend)** and **React (frontend)** to centralize policy data and eliminate multi-system log checks during policy generation and sync issues.
- Collaborated** closely with product, business, and QA teams to build and **scale** Policy Issuing workflows that processes more than **10 million** transactions per month while maintaining **99.9%** service availability.

Associate Consultant, EY, Gurugram

Mar 2023 - Apr 2024

- Led backend development for the **Motor LOB** (Private Car, Two-Wheeler, Commercial), building and maintaining **quote, proposal, and policy services** that support a business generating **8,000+ crore** in annual revenue.
- Implemented an internal **CRM System** from **scratch**, creating the **business logic** for ticket assignment and tracking across Ops, UW, ZSM, and RSM, cutting third-party System costs and improving workflow efficiency and agent productivity.
- Led the development of the **Endorsement** Module for the Motor Line of Business — engineered **robust** backend logic for policy modifications (endorsements), workflow orchestration, data validation, and integration with core insurance, billing, and policy administration systems using REST APIs and event-driven architecture.

Node.js Developer, Henceforth Solutions Pvt. Ltd., Mohali

Nov 2021 - Feb 2023

- Led end-to-end backend development for multiple **high-traffic Web3 marketplaces, real-time chat applications, and cab booking platforms**, designing scalable APIs that supported thousands of concurrent users and secure wallet integrations.
- Built **"Resale Force"** platform end-to-end, utilizing Puppeteer for intelligent **web scraping** pipelines to automate counterfeit detection for sneaker authentication.