

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	2019 - 2021
Bachelor of Computer Application, M.J.P.R.U	2016 - 2019

SKILLS

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
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- 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
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- 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
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- 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.