



# ANAY SARKAR

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## TECHNICAL SKILLS

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- **Backend :-** Java, Springboot, NodeJS
- **Frontend :-** ReactJS, NextJS (Typescript)
- **Databases :-** DynamoDB, DB2, SybaseIQ
- **CS Fundamentals -** DS & Algorithms, OOPS, Operating System, DBMS, Multi-threading, HLD, LLD.
- **Miscellaneous :-** Apache Spark, Core Java, Microservices, JDBC, System Design (High level design), Multi-threading, Optimization, Design Patterns, Low level design

## EXPERIENCE

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**Goldman Sachs** | Senior Software Engineer

**Dec 2023 - present**

- Optimized fee calculations correcting inaccuracies and saving \$450,000+ quarterly for CME Stock Exchange.
- Directed a cost validation tool for 16 US exchanges, achieving 90% accuracy in a POC and enabling a \$577M validation uplift for Goldman Sachs.
- Engineered a market-first Fees and Commissions calculator with 95%+ accuracy, leveraging Spark, Java & Complex logics for optimal performance.
- Designed complex Auto Credit & Debit systems using Java and BPMN, reducing over 120+ manual touchpoints for Operations, saving 100+ hrs MoM.

**Surebright (Y-Combinator startup)** | Full Stack Engineer | *Contract Role*

**Dec 2022 - Dec 2023**

- Implemented Policy manager microservice & other services, which can handle scale up to 1.5M+ users.
- Reduced manual work for Ops team by 95% for claims, recent purchases, and warranty access via streamlined procedures in Admin & Customer Portal.
- Developed the "Link App" microservice, leveraging customer data to boost insurance sales by 30% through targeted purchase/upgrade insurance notifications.
- Established a Payment microservice with decoupled payment package integration & implemented 8 critical APIs, including Payments and Billing.
- Created a modular Mailer package, cutting down on 12% of redundant code and promoting reusability across all email-related services.

**Mindtree** | Software Development Engineer 1

**Aug 2021 - Dec 2022**

- Engaged in the Smart-IVR Project, an automated phone system technology composed to enable businesses to efficiently manage high call volumes while reducing operational costs.
- Automated the handling & distributing tickets raised by customers resulting in 2.4 minutes decrease in ticket resolution time.
- Worked on P.O.C leveraging Microsoft Bot Emulator and LUIS, incorporating various flows into the backend system of conversational.
- Devised Key Point Indicator APIs for enhanced business analytics. Seamlessly integrated these APIs into the client side, enabling insightful data-driven decision-making.

## ACHIEVEMENTS

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- **Open Source Contributor** at [Asyncapi](#) for their modelina project.
- Solved **500+** DSA problems over [Leetcode](#), [GeeksforGeeks](#) on other online coding platforms.
- **3\*** in top **7%** out of 1000K+ users on leetcode, An international algorithmic problem solving platform.
- Certified **Intermediate level - Problem Solver** in [hackerrank](#) .
- Got **scholarship** from INBA during my college time. (Indian Naval Benevolent Association)

## EDUCATION

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**SRM Institute of Science and Technology**

Bachelor of Technology in **Computer Science**, securing a CGPA of **7.32 / 79.92 percentage**

**2017 – 2021**

Chennai, India