




ANAY SARKAR

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Experience

Goldman Sachs | Senior Software Engineer | (eClerx payroll)

Dec 2023 - present

- Automated Auto Credit & Debit systems using Java and BPMN, reducing over 120+ manual touchpoints for Operations, saving 100+ hrs MoM.
- Optimized fee calculations for CME group (CME, CBOT, NYMCOM) exchanges, reducing financial 99% discrepancies during reconciliation.
- Built a cost validation process supporting 16 US exchanges, achieving \$577M uplift for Goldman.
- Engineered a market-first Fees and Commissions calculator with 95%+ accuracy, leveraging Spark, Java, Springboot & finance domain knowledge for optimal performance.

Surebright (Y-Combinator) | Full Stack Engineer

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 | SDE-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.

Technical Skills

- 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

Achievements

- 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

SRM Institute of Science and Technology

2017 – 2021

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

Chennai, India