

Nikhil Raina *Software Engineer*

nikhil.raina5013@gmail.com | Bay Area, California | info-me-drab.vercel.app/ | linkedin.com/in/nikhilraina-info/ | github.com/nikhil-raina/

SUMMARY

Software Engineer skilled in prototyping and building resilient, high-throughput services. Deep in Node, React/TypeScript, Django, AWS and Kubernetes. Track record of productionizing integrations, enhancing user experiences, cutting cloud costs and mentoring engineers. Strong bias for simplicity and user needs, while anchored to measurable business impact.

EXPERIENCE

Software Engineer 2, *EvenUp Law*

10/2025 – Present | San Francisco Bay Area

- Modernized and Integrated SmartAdvocate CRM within SoW Infrastructure
- Designed and implemented 3rd Party Integration Framework within SoW using **Typescript**, **Kafka** and **Temporal Workflows** to standardize external app integrations for all engineers.
- Integrated **Zoom Phone**, **Zoom SMS** and **Lexamica** referrals within SoW.
- Created CI Firm Sync Page with **Django** and **React** to track ongoing workflow pipelines; establishing a "go-to" layer for all Case and File syncs for engineers and integration specialists.
- Updated Firm Integrations page to allow update of firm credentials within EvenUp infra using **Django** and **React**

Full Stack Software Engineer, *Ample*

09/2021 – 09/2025 | San Francisco Bay Area

- Sole Full Stack Cloud Engineer for 2.5 years, managing **AWS**, **Kubernetes** infra and owning **frontend**, **backend**, and **database** systems end-to-end, to ensure reliability and scalability.
- Re-platformed 4 key micro-services by migrating core data models from **Spring Boot/MySQL** to a **Node.js/MongoDB** structure, cutting inter-service latency by **45%** and increasing feature delivery speed by **40%**.
- Architected a self-correcting service with an **RBAC UI**, using **Node.js**, **TypeScript**, **React**, **MongoDB** and **MQTT** to manage hardware configs within 50+ EV swap stations globally. Reduced on-call toil by **90%** and shrank global config rollouts from **~4 hrs** to **< 5 min** for every station.
- Integrated **Twilio**, **Airtable**, **Jira**, **Slack** and **OpsGenie APIs** to automate end-to-end workflows reducing manually driven tasks by **75%**.
- Used **Node.js**, **TypeScript**, **React**, **Lambda** and **S3**, to create inflation pipeline that retrieves archived data and ingest into **OpenSearch**, cutting query execution time by **40%** and lowering cluster storage costs by **65%**.
- Built an ACK-based rate-limiter on top of **AWS IoT** framework using **Node.js** and **LevelDB** on edge devices, ensuring at-least-once **MQTT** delivery to Ample Cloud and optimizing for availability and partition-tolerance with eventual consistency.
- Established a mentorship that integrated juniors into live problem-solving from day one, fostering **open communication** and **providing feedback**, which improved **team collaboration** and **skill development**.

Software Engineer Intern, *Skillz Inc.*

01/2020 – 06/2020 | San Francisco Bay Area

- Migrated **iOS** and **Android** code to **React Native**. Achieved **89%** test coverage, improving overall coverage by **3%**.
- Integrated third-party ads using **React Native**, **Objective-C** and **Android Programming** to enrich user engagement and increase monetization.

Software Engineer Intern, *Health Care Originals, Inc.*

01/2019 – 08/2019 | Rochester, NY

- Developed a CLI + indexer using **Python/Django** that defined **REST endpoints** for query based full-text document search in production.
- Accelerated health-data insights and QA by engineering an **ETL pipeline** for cardiopulmonary signals powering cough-prediction analytics, and automating **Firebase Test Lab** runs to trim manual testing **50%**.
- Built a **Node.js** synthetic-data engine generating high-volume cardiopulmonary signal streams to validate and harden the **ETL pipeline**.

SKILLS

Cloud & Infrastructure: AWS, EKS, Lambda, S3, Temporal Workflows, Kinesis Streams, Firehose, IoT Core, EMR, Kubernetes, GCS, GSM

Backend & APIs: Node.js, JavaScript, Express.js, Python, Spring Boot, REST APIs, Java, MQTT

Frontend: React, Typescript, Django, React Native

Data & Search: MongoDB, MySQL, Postgres, LevelDB, Apache Spark, OpenSearch/Kibana, CouchDB

Tools & Version Control: VS Code, Slack, Jira, Confluence, OpsGenie, Airtable, OpenAI, Google Sheets API, Mixpanel, Firebase, Twilio, Sapling, Git, Metabase, Salesforce

PROJECTS

Purchase-Intent Prediction Classifier

05/2025 – 06/2025

Trained and tuned Random Forest / XGBoost pipelines on 12.8 K e-commerce sessions. Achieved 0.93 AUC and lifted purchaser recall by 6% for real-time marketing triggers.

Money Boy, *Python* | *PySide6* | *OpenAI* | *Google Sheets API*

11/2024 – 12/2024

CLI + desktop app that streams live spreadsheet data enriched with spacy NER, and harnesses GPT-3.5-turbo to turn natural-language finance questions into instant, actionable insights; eliminating manual spreadsheet searches.

EDUCATION

Master of Science - Computer Science, *Sofia University*

07/2024 – 06/2025

Bachelor of Science - Computer Science, *Rochester Institute of Technology*

08/2016 – 05/2021

- Double Minor: Mathematics, Software Engineering