

Nidhi Tholar Kuchur

San Jose, CA | nidhi.tholar20@gmail.com | [LinkedIn](#) | [GitHub](#)

EXPERIENCE

Software Engineer, Codeproof Technologies, Sunnyvale, CA

Aug 2023 – Present

- Worked across the stack to build a geofencing solution that processed 10,000+ daily location updates and optimized the system to maintain sub-second alert delivery for perimeter violations.
 - Developed a device analytics dashboard, visualizing near real-time telemetry data from Kafka to monitor status changes and security incidents, enabling immediate insights and response.
 - Built a POC AI chatbot leveraging OpenAI to retrieve device data via API, enabling customers to perform quick status checks.
- Tech stack: **JavaScript, C#, Python, Docker, AWS, Kafka**

Software Developer Intern, EVgo Services LLC, Los Angeles, CA

Jun 2022 – Dec 2022

- Collaborated with Product Designer to design and develop React dashboards to retrieve and visualize real-time charger utilization metrics, enabling data-driven strategies to improve operational efficiency.
 - Implemented a dynamic pricing calendar with admin-controlled rate settings by day and time intervals, increasing revenue during peak demand.
- Tech stack: **React, GraphQL**

Associate Consultant, Ernst & Young LLP - Analytics, Bengaluru, India

Jul 2018 – Jul 2021

- Built scalable ETL workflows to process and standardize data from SAP table data, reducing data processing time by 18% and enhancing data accuracy for downstream analytics.
 - Designed and implemented data analytics solutions using Spark, SQL, and NoSQL to extract actionable insights from Big Data, tailored to specific business scenarios.
 - Designed, and integrated REST APIs with Python-Flask, with role-based access control via JWT, to supply data to React and Tableau dashboards.
 - Developed interactive D3.js visualizations and data drill-down components for React dashboards, optimizing rendering and reducing page load time by 12%.
 - Collaborated with Clients and cross-functional stakeholders (Business and Technical leaders, Data Scientists, UI/UX) to successfully deliver 7+ projects from concept to deployment, while owning end-to-end implementation of critical features.
- Tech stack: **Python, React, Spark, MySQL, MongoDB, ETL, Snowflake, ML, NLP**

TECHNICAL SKILLS

Languages: Python, Java, C#, JavaScript

Web Technologies: REST API, GraphQL, React, D3.js, Node.js

Databases: MySQL, MongoDB, PostgreSQL, DynamoDB, Snowflake

Frameworks & Tools: Spark, Airflow, Kafka, Jenkins, Flask, Spring Boot, ASP.NET, Git

Cloud & DevOps: AWS (EC2, S3), Docker, Kubernetes

PROJECTS

Symphony: Risk Assessment Application (Ernst & Young LLP - Analytics)

May 2020

Worked across the stack, developing an application to detect fraudulent transactions within procure-to-pay (P2P) and order-to-cash (O2C) cycles, assessing monetary and performance risks. Symphony automated 85% of the risk audit process.

Prompt: Trade Promotion Optimization (Ernst & Young LLP - Analytics)

Oct 2019

Prompt analyzed enterprises' marketing spend and sales to suggest optimized advertising schedules, improving business performance by 25% and increasing ROI on marketing spend.

EDUCATION

M.S. in Software Engineering

San Jose State University, San Jose, CA

Aug 2021 – May 2023

GPA: 3.8