

Nidhi Tholar Kuchur

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EXPERIENCE

Software Engineer, Codeproof Technologies, Sunnyvale, CA

Aug 2023 – Present

- Reduced support tickets by 33% and improved user adoption by 18% by streamlining BYOD enrollment, building a comprehensive analytics dashboard, enabling customizable reports with scheduled email deliveries, and automating incident alerts within Codeproof's customer portal.
- Integrated OKTA SSO with OAuth 2.0 and OpenID Connect, allowing authentication using corporate credentials.

Tech stack: **C#, ASP .NET, JavaScript, MySQL, AWS, Jenkins**

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

Jun 2022 – Dec 2022

- Developed React dashboards and GraphQL queries to retrieve and visualize charger utilization metrics, driving data-driven strategies to enhance operational efficiency.
- Implemented a pricing calendar, allowing admins to set rates by day and time intervals, optimizing pricing strategies to increase revenue during peak demand.

Tech stack: **React, GraphQL, Material UI**

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

Jul 2018 – Jul 2021

- Developed over 20 algorithms using **Spark, SQL**, and **NoSQL** queries to extract and analyze crucial data points from **Big Data**, tailored to specific business scenarios.
- Built a robust and scalable **data pipeline** to manage over 180 raw SAP table data files containing thousands of rows. Executed file and data manipulations, ensuring seamless standardization of the data.
- Designed, developed, and integrated **REST APIs** with **Python-Flask**, with role-based access control via JWT, to supply data to React and Tableau dashboards.
- Crafted intricate functions for executing **D3.js** data visualization charts and facilitating smooth data drill-downs on **Angular**, while reducing page load time by 7%.
- Worked on data-driven projects from initial concept to completion, collaborating closely with Product leaders, Data Scientists, UI/UX designers, and Clients throughout SDLC.

Tech stack: **Python, Flask, Spark, MongoDB, MySQL, D3.js, Angular, ML, NLP, ETL, Snowflake**

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C#

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

Databases: MySQL, MongoDB, PostgreSQL, DynamoDB

Framework: Spark, Pandas, Flask, Django, Spring Boot

Others: AWS, EC2, S3, Docker, Kubernetes, Git, JWT, OAuth, Jenkins, Pytest, Jest, Postman

PROJECTS

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

May 2020

An application to detect fraudulent transactions within an enterprise's Procurement to Pay and Order to Cash cycles, assessing monetary and performance risks. The application automates 85% of the risk audit process.

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

Oct 2019

Prompt analyzed enterprises' marketing spend and sales and suggested an optimized advertising schedule to improve business performance.

EDUCATION

M.S. in Software Engineering

San Jose State University, San Jose, CA

Aug 2021 – May 2023

GPA: 3.8

B.E. in Information Science and Engineering

Bangalore Institute of Technology, Bengaluru, India

Aug 2014 – Jun 2018

GPA: 3.6