

# Nidhi Tholar Kuchur

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## EDUCATION

**San Jose State University**, San Jose, CA, USA

Aug 2021 – May 2023(Expected)

M.S. in Software Engineering

GPA: 3.9

Relevant Coursework: Enterprise Software Platforms, Web UI Development, Design Patterns, Data mining

**Bangalore Institute of Technology**, Bengaluru, India

Aug 2014 - Jun 2018

B.E. in Information Science and Engineering

## EXPERIENCE SUMMARY

**Ernst & Young LLP**

Bengaluru, India

Software Developer

July 2018 - July 2021

- Built web applications for EY's Data & Analytics team to help clients improve their business performance.
- Built scalable Rest APIs, developed interactive User-interface, integrated front-end with the backend, and Performed Unit Testing.
- Performed extensive data pre-processing and transformations on SAP tables using Spark and MongoDB aggregation pipeline.
- Collaborated and worked with Senior Engineers in database design meetings. Interacted with clients to understand their business process.
- Wrote custom procedures to extract business insights and built data pipelines.

**Publicis Sapient**

Bengaluru, India

Software Developer Intern

Jan 2018 - May 2018

- Enhanced User experience by Developing responsive User Interface using Angular.
- Involved in pair programming and code quality reviews to reduce technical debt.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, Java, TypeScript

**Web Technologies:** REST, Node.js, Angular, React, HTML, CSS, D3.js

**Databases:** MongoDB, MySQL

**Framework and Tools:** Flask, Django, Pandas, Spark, Git, Postman, Tableau, Jira

**Virtualization and Cloud:** Docker, Kubernetes, AWS

**Project management:** Scrum, Agile

## PROJECTS

**Airline Rewards and Reservation System**

Nov 2021

An application to search and book flights while managing Mileage Rewards of Users. The application also allowed modifications and cancellations of reservations.

**Technologies used:** Python, Flask, MongoDB, React, Docker, AWS

**Symphony: Risk Assessment Application**

May 2020

An application to find fraudulent transactions in Procurement to Pay cycle of an enterprise and to indicate the level of monetary and performance risk they possess. The application automated 95% of the risk audit process.

**Technologies used:** Spark, Python, Flask, MongoDB, Angular, D3.js, Tableau, Azure

**Prompt: Trade Promotion Optimization**

Oct 2019

Prompt was built to optimize the marketing spend for enterprises by suggesting an optimized advertisement schedule.

**Technologies used:** Python, ML, Django, MySQL, Angular, D3.js

**Parametric Price Discovery**

Feb 2019

The application estimated the Should cost of projects at the proposal stage based on specs, quote summary, and historic price points.

**Technologies used:** Python, ML, Flask, MongoDB, Angular