[My Website](#)
[GitHub](#)

Nikhil Naikar, MEng

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Skills

- **AI:** Scikit-learn, Databricks, PySpark, TensorFlow, Natural Language Processing (NLP), GitHub Copilot
- **Programming:** Python (NumPy, Pandas, Matplotlib, Seaborn, Beautiful Soup, Flask), Java (Spring Boot), C++, JavaScript (Vue, Pinia, React, Redux, Node, Express), HTML, CSS, SQL
- **Other:** Linux, Docker, MySQL, Jenkins, Git, OOP (SOLID), Data Analysis, Data Visualization, Web Scraping
- **Certificates:** AWS Solutions Architect Associate, AWS Cloud Practitioner

Experience

Software Engineer Intern	**Benevity**	**May 2023 – Aug 2023**

- Developed a full stack feature similar to Spotify's yearly 'Wrapped' summaries for Benevity's platform (10M+ users), aimed at showing gratitude to users and promoting brand awareness.
- Practiced Agile methodology, held Sprints, maintained open communication with stakeholders on Slack and weekly update meetings on Teams to demo progress, get feedback, and validate that expectations are met.
- Led backend development, created APIs, achieved response times under 200ms for simple processes and under 2s for complex processes using Java and Spring Boot.
- Designed appealing infographics and user-friendly workflows with Figma, and developed the frontend using Vue.
- Reduced deployment time by 70%, automated deployment onto AWS by building a CI/CD pipeline using Jenkins, Docker and GitHub.
- Ensured code was 100% bug-free, wrote JUnit tests to check basic functionality, edge cases, and error handling.
- Earned a satisfaction score of 95% from the industry sponsor client after the final presentation and demonstration.

Project Manager Intern	**Siemens Energy**	**May 2021 – Aug 2022**

- Improved project efficiently, supported the lead project manager throughout multiple project lifecycles.
- Maintained client relations, led meetings to deliver updates, address issues, solutions and outline the next steps.
- Reduced project delays by providing on-site support to the field service team with emergent needs or labor tasks.
- Achieved 100% compliance with site requirements, managed timely completion of service team certifications.
- Ensured projects stayed on track and within budget by tracking progress, expenses, and reporting to lead manager.
- Oversaw procurement and site logistics, resulting in smooth project operations and high service team satisfaction.

Education

Master of Engineering	**University of Calgary**	**Nov 2023**

- Specialization in Software Engineering, GPA: 3.9
- Machine Learning (AI), Cloud Computing, Databases, Algorithms, Data Structures, Deep Learning

Bachelor of Science	**University of Calgary**	**Apr 2022**

- Major in Electrical Engineering, GPA: 3.4
- Programming Fundamentals, Computer Networks, Principles of Software Development

Projects

To view more projects, kindly refer to my website or GitHub

Airbnb Price Prediction	**AI**

- Built an AI model to help Airbnb hosts accurately price their properties and to help customers evaluate pricing fairness. The model categorizes the prices as great, good, or okay.
- Improved data quality by preprocessing reviews, including stop word removal and snowball stemming.
- Reduced time to label the data by 85%, prompted ChatGPT to label the reviews as positive, neutral, or negative.
- Trained a NLP model to perform sentiment data analysis on the remaining reviews.
- Significantly accelerated AI model development by utilizing Databricks, PySpark and Python.