

Nikhil Naikar

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Skills

- C++ | Java | Python | HTML5 | CSS3 | JavaScript | jQuery | Bootstrap | Node.js | Vue.js | Spring Boot | Flask | AWS | Docker | CI/CD
- MySQL | OOP | SOLID | JUnit | Black/White Box Testing | Selenium | PySpark | Databricks | TensorFlow | NLP | Scikit-learn | Git

Experience

Full Stack Software Engineer Intern	<u>Benevity</u>	05/2023 - 08/2023
<ul style="list-style-type: none">• Collaborated with a team of three to design and construct a donor specific annual wrap up for social media sharing.• Built backend using Java Spring Boot, to perform the appropriate Get Requests to Benevity's platform API, to collect and locate the required data from the XML responses.• Created multiple REST API endpoints so the frontend could retrieve the necessary information for generating the wrap up infographics.• Constructed the user Interface with HTML5, CSS3, JavaScript, Vue.js and by following Benevity Skyline styling guidelines.• Performed serverless development to AWS (EC2 instances and S3 bucket) by utilizing Docker containers and a CI/CD pipeline.• Added social sharing feature, so that user can share their infographics to their social media platforms like LinkedIn, Facebook, Instagram.		
Project Manager Intern	<u>Siemens Energy</u>	05/2021 - 08/2022
<ul style="list-style-type: none">• Aided in scheduling, managing field service inventory, and setting up transport for freight.• Completed multiple procurement tasks to acquire equipment for field service team.• Lead and assisted with weekly update meetings for customer and professional engineers.• Performed several documentation tasks like modifying excel files, editing AutoCAD drawings, updating documents.• Worked with field service team on installations and refurbishment tasks on several transformers at the Red Bluff Substation and Cascade Power Plant.		

Education

Master of Engineering	<u>University of Calgary</u>	08/2023
<ul style="list-style-type: none">• Specialization in Software Engineering, GPA: 3.9		
Bachelor of Science	<u>University of Calgary</u>	04/2022
<ul style="list-style-type: none">• Major in Electrical Engineering, GPA: 3.4		

Projects

Airbnb Sentiment Price Forecasting	<u>Big Data</u>	01/2023 - 04/2023
<ul style="list-style-type: none">• Worked in a team of three to build a reliable Airbnb Price Prediction model by using the listing details data and incorporating sentiment analysis of the listing reviews.• Performed Big Data Analysis using Databricks, worked with over 100,000 rows of data with multiple features.• Preprocessed the raw review data: filtered for English reviews, eliminated stop words, removed punctuation, spellchecked words, and applied the Snowball Stemmer.• Experimented with TF-IDF and HashingTf methods to extract the features from the preprocessed reviews.• Explored many ML algorithms, like random forest, naive bayes, logistic regression, linear regression, decision trees, and gradient boosting.		
HNM Clothing Store	<u>Database Design</u>	01/2023 - 04/2023
<ul style="list-style-type: none">• Collaborated with a team of three to build a clothing store website.• Designed the SQL database using enhanced entity-relationship diagrams and relational models.• Coded the backend using Python, Flask framework, SQLite database and SQLAlchemy library to effectively manage and store the data.• Designed the frontend using HTML5, CSS3, JavaScript, and the Bootstrap framework.		
FODS	<u>Aurora Wireless Networks</u>	09/2021 - 04/2022
<ul style="list-style-type: none">• Worked together with a team of five to design and build a farm overheating detection system utilizing MLink technology. This system monitors the temperature and GPS location of equipment, and alerts farmers via phone app when their equipment reaches critical temperature thresholds.• Created a MySQL database on AWS and programmed the MLink base to enable transmission of the data to the server and ensure its proper storage.• Assisted with testing the functionalities of the MLink base and the multiple MLink endpoints on W.A ranches.		

Others

- Training for AWS Certified Cloud Practitioner Certification, exam scheduled on August 28.