

Nikhil Naikar

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STRENGTHS / SOFT SKILLS

- Positive attitude, always ready to learn and always willing to take critiques for improving my performance.
- Punctual and detail oriented.
- Team player, able to work effectively with others.
- Comfortable working in high-stress environments.
- Problem-solving skills.

EDUCATION

Master of Engineering, specialization in Software Engineering	August 2023
Schulich School of Engineering, University of Calgary	
GPA: 3.8	
Bachelor of Science in Electrical Engineering	April 2022
Schulich School of Engineering, University of Calgary	
GPA: 3.4	

SKILLS

C++ | Java | Python | HTML5 | CSS3 | JavaScript | jQuery | Bootstrap | Node.js | Vue.js | Spring Boot | Flask | AWS | MySQL | OOP | Unit Testing | C | Assembly language | VHDL | Arduino | PySpark | Databricks | TensorFlow | Scikit-learn | Jupiter Notebook | Git

ACADEMIC / ENGINEERING PROJECTS

Annual Giving Wrap Up	May 2023 – August 2023
Capstone Project with Sponsor Company Benevity	
<ul style="list-style-type: none">• Collaborating with a team of three in designing and constructing a donor specific annual wrap up for social media sharing.• Back end is being built using Java Spring Boot, to perform to appropriate Get Requests to Benevity's platform API, locate and collect the data from the XML responses.• User Interface will be built using HTML5, CSS3, JavaScript, Vue.js and by following Benevity Skyline styling guidelines.• Plan for serverless development to AWS by utilizing Docker containers and CICD.	
FODS - Farm Overheating Detection System	September 2021 – April 2022
Capstone Project with Sponsor Company Aurora Wireless Networks	
<ul style="list-style-type: none">• Worked together with a team of five to design and build a 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 1 MLink base and 3 endpoints on W.A ranches.

The Wheel Deal

January 2020 – April 2020

School Project – ENEL 400

- Collaborated with a team of five to make a game similar to laser tag but with two remote controller cars.
- Lead the software team, responsible for completing all the software requirements.
- Programmed the remote controllers in Arduino to send RF signals to the RC cars.
- Programmed the RC cars in Arduino with game rules and instructions on how to respond when receiving RF signals from the remote controller.
- Tested the functionality of all the software versions with the hardware components.

WORK EXPERIENCE

Siemens Energy

May 2021 - August 2022

SCETA Cohort 7 & Project Manager Intern

- Documentation tasks – modifying excel files, editing AutoCAD drawings.
- Aided in scheduling 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.
- Collaborated with field service team on installations and refurbishment tasks on several transformers at the Red Bluff Substation and Cascade Power Plant.

VOLUNTEER EXPERIENCE

Big Brother Big Sister

September 2015 - June 2017

- Paired up with a mentee, every Friday after school spent about an hour with him to be a good role model, for him to have someone to have fun with and have someone to talk to.

OTHER

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