

KRITHIK NARALASETTY

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OBJECTIVE

Looking for a challenging position at an organization to hone skills as a Machine Learning Engineer or Cloud Computing Engineer and grow knowledge on new and upcoming technologies in software industry

EDUCATION

Santa Clara University, Santa Clara, CA

Master of Science in Computer Science and Engineering, Jun 2023

- Currently pursuing a Master's degree at Santa Clara University

Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad. Telangana

Bachelor of Technology in Computer Science and Engineering, Aug 2021

- Graduated with distinction and a cumulative grade point average of 9.17 out of 10

PROJECTS

Social Media Analysis

- Spear-headed a team of individuals to work on Sentiment Analysis of Tweet data, involving preprocessing of scrapped data and applying NLP techniques, including SkipGram and Continuous Bag of Words models.
- Acquired better understanding of Convolutional Neural Networks and NLP techniques pertaining to understanding and preprocessing text.

Avalanche Prediction Systems

- Lead a group of experienced members to build an ML model predicting classes of avalanches based on snowfall rate, density of snow, and depth of snow accumulated in an area, using IoT sensor data from heavy snowfall countries.
- Created a custom webpage using JS to interact with users and collect data of relevant features, showcasing specifics of snowfall and predicting class of Avalanche.

Track It

- Mentored a team of junior year college students to build and deploy an Mobile Application to track empty rooms in college, at any given moment using Flutter as the UI.
- Developed custom code to handle API calls to and from a NoSQL database stored in the Cloud, enabling multiple user connections parallelly.

Form Field

- Guided fellow peers in designing a paper-less inventory management system, providing centralized Database support and two applications - Manager and Worker, constructed using Flutter UI Kit.
- Provided simple UI and easy template builder to create need-based incident reports in worker application; Manager application dealt with handling of work requests, inventory analysis.

EXPERIENCE

Campus Recreation Employee

Pat Malley Fitness Center, Santa Clara University, Santa Clara, California

Oct 2021 - Present

- Delegated students across the facility in upholding the policies and helping around with necessary supervision
- Monitored and regulated students using the facilities as regarded in the policies of the center

Machine Learning Intern

Smart Bridge Internships, Hyderabad Telangana

May 2020 - Jun 2020

- Integrated IOT data from country with heavy snowfall to develop a prediction model to categorize anticipated avalanche data, along with deploying a UI it on web operating on React JS.

LEADERSHIP EXPERIENCE

Group Mentor

Advanced Academic Center, Hyderabad, Telangana, India

Jul 2019 - Oct 2019

- Acted as a guide/mentor for a group of undergraduate sophomores to teach and implement a project based on Flutter UI/UX Toolkit for Mobile/ Web Application Development
- Instilled necessary knowledge about basics of mobile application development

Team Lead

Challenge ACI Hackathon, Hyderabad, Telangana, India

Apr 2019 - Apr 2019

- Coordinated like-minded peers across multidisciplinary fields to construct a Drone-based surveillance system detecting breaks/cracks in rail roads
- Designed and implemented Edge detection system using Open Computer Vision (OpenCV)

SKILLS

- Programming Languages: Python, Java, C/C++, Dart
- Technical: Cloud Computing, Machine Learning, UX/UI design, MS Access, Database Management Systems
- Introspective Thinking, Objective Decision Making, Inquisitive Planning
- English (Advanced), Hindi (Proficient), Telugu (Native)

ACTIVITIES

- Code Debugging: First place in a state-wide student convention
- Entrepreneur bootcamp: Week long bootcamp, guiding a group of like-minded students in leadership qualities