

## PRASAANTH RADHAKRISHNAN

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## EDUCATION

**Master of Science, Computer Engineering** August 2021 – May 2023

**University:** San Jose State University San Jose, CA

**Related Coursework:** Machine Learning, Data Mining, OOPS in C++, System Software and OS, Software Security Tech

**GPA:** 3.57 / 4.00

**Bachelor of Technology, Electronics and Instrumentation Engineering**

August 2015 – May 2019

**University:** Ramaiah Institute of Technology

Bangalore, India

## EXPERIENCE

**Antaris Inc**

June 2022 – August 2022

**Software Development Engineer Intern**

Los Altos, CA

- Designing unit test cases and controllers for Satellite Telemetry web application using Golang.
- Analyzing CSV reports by querying and storing data in InfluxDB buckets and displaying it on Grafana Dashboards.

**Lumen Technologies**

July 2019 – June 2021

**Software Development Engineer**

Bangalore, India

- Operated as a Full Stack Engineer with a focus on UI/UX development.
- Specialized in building pages with HTML, CSS, JavaScript (ES6) and jQuery Libraries.
- Delivered 6 webpages, web applications and maintained 20+ pages for customer orders of internet services.
- Proposed ideas in work organized Presentations and Hackathons (Tech-Jam) to build a prototype of an online bidding portal using ML Regression algorithms.
- Performed code reviews and employed Agile Methodology of Product Delivery and JIRA for work stories.
- Delivered pages as of 2021: <https://www.centurylink.com/connected-communities>, <https://www.centurylink.com/fiber/>, <https://www.centurylink.com/internationalrates/>.

## PROJECTS

**COVID Vaccine effectiveness comparison in California:**

January 2022 – May 2022

- Analyzed two datasets of over 40,000 rows provided by CA on data of Pfizer, Moderna, and J&J.
- Preprocessed datasets, and assessed ML techniques such as Decision Trees, Random Forest and KNN with an accuracy rate of 93.52%.

**Sentiment Analysis of YouTube comments for Estimating Likes-Dislikes Ratio:**

January 2022 – May 2022

- Implemented a Chrome Extension to show an estimate of dislikes on YouTube videos using NLP.
- Employed HTML5, CSS3 and Vue JS to make an easily accessible UI for the extension.

**Automation of Logistic Services using Optical Character Recognition:**

January 2019 – May 2019

- Led a team in undergraduate university designing a model to sort Logistics with Optical Character Recognition.
- Identified handwritten numerals on packages with MNIST based NN model and sorting it with a conveyor belt.
- Published a [Research Journal](#) in International Journal of Engineering Research and Technology (IJERT).

## TECHNICAL SKILLS

**Programming Languages:** C++, Python, C, Golang

**Web Technologies:** HTML, CSS, JavaScript (ES6), Vue

**Tools and IDEs:** Eclipse, Visual Studio Code, Jupyter Notebook, Grafana Dashboards, InfluxDB, Serena Dimensions

**Methodologies:** Agile, Scrum, JIRA