

PRASAANTH RADHAKRISHNAN

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EDUCATION

Master of Science in Computer Engineering August 2021 – May 2023

University: San Jose State University San Jose, CA

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

Bachelor of Technology in Electronics and Instrumentation Engineering August 2015 – May 2019

University: Ramaiah Institute of Technology Bangalore, India

TECHNICAL SKILLS

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

Web Technologies: HTML5, CSS3, JavaScript (ES6), ReactJS, Spring Boot

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

EXPERIENCE

Antaris Inc June 2022 – August 2022

Software Development Engineer Intern Los Altos, CA

- Designed unit test cases, controllers and optimized Satellite Telemetry web application using Golang.
- Analyzed real-time satellite CSV reports by data querying with InfluxDB and displaying it on Grafana Dashboards.

Lumen Technologies July 2019 – June 2021

Software Development Engineer Bangalore, India

- Specialized in building customer facing pages with HTML, CSS, JavaScript (ES6) and jQuery Libraries.
- Delivered 6 webpages, web applications and maintained over 20 pages for customer orders of internet services.
- Proposed ideas in work competitions and Hackathons and built a prototype of an online bidding portal.
- Performed code reviews and employed Agile Methodology of Product Delivery and JIRA for work stories.
- Exposed REST endpoints using Java 11 with Spring Boot Framework to handle customer data.
- Delivered pages as of 2021: <https://www.centurylink.com/connected-communities>, <https://www.centurylink.com/fiber/>, <https://www.centurylink.com/internationalrates/>.

PROJECTS

Target and Eliminate weeds to increase crop yields September 2022

- Developed binary-classification model with 81% accuracy at the Intel AI for Social Good Hackathon.
- Analyzed over 1500 images of crops and weeds using the Visual Quality Inspection AI Reference Kit for training.

COVID Vaccine effectiveness comparison in California January 2022 – May 2022

- Analyzed two datasets of over 40,000 rows provided by CA state on data of Pfizer, Moderna, and J&J with Python.
- Preprocessed datasets and assessed algorithms such as Decision Trees, RF and KNN with an accuracy 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.
- Accessed YouTube API to retrieve comments and used TextBlob, BERT for determining audience sentiment.
- Employed HTML5, CSS3 and Vue JS to make an easily accessible UI and improved consumer experience.

Automation of Logistic Services using Optical Character Recognition August 2018 – May 2019

- Led a team in designing a sorting mechanism to identify handwritten numerals using MNIST based NN model.
- Published a [Research Journal](#) in International Journal of Engineering Research and Technology (IJERT).