

# 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:** Data Structures and Algorithms with C++, Operating Systems, Software and Network Security

**Bachelor of Technology in Electronics and Instrumentation Engineering** August 2015 – May 2019  
**University:** Ramaiah Institute of Technology Bangalore, India

## TECHNICAL SKILLS

**Front-end Development:** HTML5, CSS3, JavaScript (ES6), React.js, Vue.js, jQuery

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

**Web Technologies:** RESTful APIs, JSON

**Tools and Frameworks:** Spring Boot, MySQL, Influx DB, Grafana, Git

**Testing and Automation:** Unit Testing, Test-Driven Development (TDD), CI/CD

**Agile Methodologies:** Scrum

## EXPERIENCE

**Antaris Inc** June 2022 – August 2022  
**Software Engineer Intern** Los Altos, CA

- Designed controllers and optimized a Satellite Telemetry MVC Web Application with unit test cases in Golang.
- Analyzed real-time NASA CSV reports by querying data with MySQL and presenting it on Grafana Dashboards.
- Automated data entry and streamlined file transfers to mainframe dashboards for an analytical UI.

**Lumen Technologies** July 2019 – June 2021  
**Software Engineer** Bangalore, India

- Specialized in building financial pricing responsive Webpages with HTML, CSS, JavaScript and jQuery Libraries.
- Formulated high-quality code using JS, React.js and C++ to build web applications ensuring quality engineering.
- Implemented REST endpoints using Java 11 with Spring Boot Framework, MySQL to handle customer data.
- Delivered 6 UI webpages, web applications and maintained over 20 pages for customer orders of internet services.
- Conducted code reviews and employed Agile Methodology for Product Delivery, utilizing JIRA for work stories.
- Resolved production issues, code maintenance and debugging, ensuring smooth operation of software.
- Proposed innovative ideas in work competitions, Hackathons and created prototype of an online bidding portal.
- Developed and delivered following webpages: <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 and predicted over 1500 images of crops and weeds leveraging the Visual Quality Inspection AI Kit.
- Collaborated to preprocess datasets and evaluate algorithms like CNNs, Decision Trees, RF and KNN in Python.

**Sentiment Analysis of YouTube comments for Estimating Likes-Dislikes Ratio** January 2022 – May 2022

- Implemented a Chrome Extension to show a detail-oriented estimate of dislikes on YouTube videos with NLP.
- Integrated YouTube API to retrieve comments employing Text Blob, BERT for determining audience sentiment.
- Designed an easily accessible user interface using HTML5, CSS3, and Vue.js to enhance consumer experience.