

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++, Machine Learning, System Software Design and Security

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

University: Ramaiah Institute of Technology Bangalore, India

Related Coursework: Object-Oriented Design and Programming with C++, Fundamentals of Computing

TECHNICAL SKILLS

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

Programming Languages: JavaScript, TypeScript, Go, Java, C++, Python

Web Technologies: RESTful APIs, JSON

Tools and Frameworks: Spring Boot, MySQL, Influx DB, Grafana, Git, Microsoft Visual Studio

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 SaaS Web Application with automated tests 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 transfer to mainframe dashboard for improved user experience (UX).

Lumen Technologies July 2019 – June 2021

Software Engineer Bangalore, India

- Specialized in building e-commerce responsive Webpages with HTML, CSS, JS, React.js and Node.js Libraries.
- Formulated highly scalable code using JS frameworks, Java to build front-end distributed systems and applications.
- Conducted code reviews and employed Agile Methodology in Product Development, utilizing JIRA for work stories.
- Delivered 6 UI webpages, Web Applications and maintained over 20 pages for customer product ordering.
- Implemented REST endpoints using Java 11 with Spring Boot Framework, MySQL to handle customer databases.
- Resolved production issues, back-end code refactoring and debugging, ensuring a smooth User Experience (UX).
- Created a prototype of online bidding portal in Hackathon and presentations to gain improved business metrics.
- Developed and delivered following landing pages: <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 81.73% 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 data and evaluate algorithm design like CNNs, Decision Trees, RF and KNN in Python.

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

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