

Rasagna Yarlagaadda

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WORK EXPERIENCE

FULL-STACK DEVELOPER, University of Florida Institute of Food and Agricultural Sciences, Gainesville, USA Apr 2023 - Present
(Part-Time | Graduate Student Assistant)

- Responsible for designing, developing, and software testing the Florida State Agricultural Response Team (FL SART) website.
- Coordinate cross-functional collaboration for quarterly requirement gathering, and prioritization.
- Applied principles of software design to architect scalable solutions for the FL SART website, enhancing system reliability.
- Implemented captivating features, and curated compelling content, driving a 5% surge in new user sign-ups.

GRADUATE TEACHING ASSISTANT, University of Florida, Gainesville, USA

Jul 2023 - Dec 2023

(Part-Time | Graduate Student Assistant)

- Teaching assistant for Programming Language Concepts under Prof. Beverly Sanders. Conduct weekly office hours, offering guidance to students, and developing JUnit5 and Kotlin unit tests to enhance their programming skills.
- Collaborate with the professor to formulate course structure, assignments, and tests, while sharing insights on constructing programming languages, benefitting over 100 students.

SOFTWARE DEVELOPMENT ENGINEER, Accenture, Hyderabad, India

Aug 2021 - Dec 2022

- Collaborated with Toronto Hydro Corp. on data management within technical objects, including task lists, and maintenance plans.
- Configured SAP Plant Maintenance, controlling functions, and streamlined project system processes.
- Led a team of offshore consultants during the project rollout, while ensuring the resolution of tasks within Stipulated Service Level Agreements (SLAs).
- Successfully managed 70+ enhancements in the development phase, coordinating User Acceptance Testing with business.

FULL-STACK DEVELOPER INTERN, Alhansat Technologies, Hyderabad, India

Sep 2020 - Nov 2020

- Contributed to the development of an interactive dashboard catering to students and teachers, demonstrating strong teamwork and collaboration. Utilized MongoDB, ExpressJS, ReactJS and NodeJS in the project implementation.
- Demonstrated expertise in enhancing mobile compatibility while resolving challenges to optimize the user experience.

FULL-STACK DEVELOPER INTERN, PAGO Analytics, Hyderabad, India

Apr 2020 - Jul 2020

- Spearheaded UI enhancements for the PAGO Analytics website, implementing an intuitive navigation scheme that boosted user interaction, culminating in a remarkable 30% increase in user clicks.
- Contributed to a related product called SMARThirein.ai and implemented an interactive chatbot using Python.

SKILLS SUMMARY

C, C++, Python, R, .NET, Object Oriented Programming in Java, JavaScript, Linux, HTML, CSS, Responsive Web Design, Front-End Development, MySQL, MongoDB, TensorFlow, Keras, PyTorch, Bootstrap, ReactJS, NodeJS, Flask, Excel, Tableau, GIT, Jira

EDUCATION

Master's in Computer Science (CSE)

Jan 2023 - Dec 2024

University of Florida | **GPA: 3.61***

Coursework: Analysis of Algorithms, Advanced Data Structures, Distributed Operating Systems, Machine Learning, Computer Networks, Natural Language Processing, Artificial Intelligence, Agile Project Management, Generating Expressiveness in Intelligent Agents

Bachelor of Technology in Electronics and Computer Engineering (ECM)

Aug 2017 - Jul 2021

Sreenidhi Institute of Science and Technology | **CGPA: 9.01**

PROJECTS

CROPSIT- A PORTABLE SOIL ANALYSIS AND CROP SUGGESTION SYSTEM

- Developed an IoT-based Colorimetry device for soil nutrient analysis, achieving an accuracy of 98.25% in predicting crops and fertilizers using XGBoost.
- Designed a web application with JavaScript, Bootstrap and CSS to provide instant crop, fertilizer recommendations, and retailer information via a message utilizing Flask in Python to handle APIs.

MULTI-USER BLOGGING PLATFORM

- Leveraged the MERN stack to implement an SEI-driven website, facilitating user-friendly blog creation and management functionalities.
- Developed an Admin/User Dashboard, integrated social login, and a scalable Multi-User system for building a marketplace app.

AUTOMATED RESUME BUILDER WITH SCORE GENERATOR

- Developed a user-friendly website with a form-based resume generator, offering template selection and an innovative resume score checker feature using Bootstrap, and JavaScript showcasing a creative approach to enhance user experience.

RESEARCH PUBLICATION

CropsIT- A Portable Soil Analysis and Crop Suggestion System | International Journal for Research in Applied Science Engineering Technology Vol 10 Issue I Jan 2022

CERTIFIED COURSES

- Full-Stack Web Development with React, The Hong Kong University of Science and Technology, Coursera
- Database Management System, National Program on Technology Enhanced Learning (NPTEL)

ACHIEVEMENTS

- Received Championing Equality Award for exceptional performance and rapid skill development, starting as a junior resource and progressing to handle enhancements, and incidents within four months of joining the project at Accenture.
- Ranked 3rd in the Electronics and Computer Engineering department with a 9.01 CGPA among 180 entries.

VOLUNTARY EXPERIENCE

- Coordinator of Student Innovation Team, Sreenidhi Institute of Science and Technology.
- Peer Mentor of Electronics and Computer Engineering, Sreenidhi Institute of Science and Technology.

Sep 2019 - Jul 2021

Aug 2019 - Jul 2021