JAJAM SRI RANGA HARSHAVARDHAN KUMAR

Entry Level Graduate | Software Engineer

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Summary

Aspiring Software Engineer passionate about software development. Seeking entry-level role to apply academic knowledge and hands-on experience. Dedicated to learning and contributing effectively in an active team setting.

Education

Bachelor of Technology in Computer Science and Engineering   September 2021 – October 2024
Ramachandra college of Engineering   CGPA – 7.3

Diploma in DPMT   June 2018 – March 2021
CIPET   CGPA – 7.0

Technical Skills

- **Programming Languages:** Python, Java, C, C++
- **Web Technologies:** HTML, CSS, JavaScript
- **Databases:** MySQL
- **Development Tools:** Visual Studio Code
- **Operating Systems:** Windows
- **Version Control:** Git
- **Software Tools:** MS office (Word, Excel, PowerPoint)

Experience

InternStump   February 2024 – July 2024
Python Trainer

- As a Python developer at Intern Stump, I utilize my skills in Python, HTML, CSS, and JavaScript to develop responsive, user-friendly web pages. My proficiency in Microsoft Office aids in effective documentation, data analysis, and presentations.
- With strong communication skills, I collaborate well with team members, articulate project requirements, and explain technical concepts to non-technical stakeholders. Actively participating in team meetings, I contribute ideas, provide progress updates, and am committed to continuous learning and adapting to new challenges

Internships

Government of Andhra Pradesh   January 2024 – April 2024
Feature Skill Expert

- Spearheaded innovative educational initiatives in Andhra Pradesh Government Schools, focusing on technical proficiency and contemporary technologies.
- Orchestrated curriculum enhancements, fostering synergies between academia and industry to empower students with relevant skills.
- Implemented dynamic learning strategies, resulting in a 20% increase in student engagement and participation.
- Led transformative projects, equipping students with practical experience, leading to a 15% rise in employability metrics.
- Championed a culture of innovation, driving forward-thinking approaches that have positively impacted.

Internshala   July 2022 – September 2022
Frontend Web Development Intern

- Acted as a Web Developer Intern at Internshala Trainings, specializing in HTML, CSS, JavaScript, PHP, and Node.js.
- Contributed to practical projects, refining skills in front-end and back-end development, resulting in a 10% increase in project efficiency.
- Applied responsive designs, enhancing user experiences and achieving a 15% improvement in website usability metrics.
- Optimized collaboration within a dynamic team environment, resulting reduction in project completion time.
- Demonstrated proficiency in web development technologies, contributing to the successful completion of multiple projects.

Projects

Variable Head Solar Grass Cutter using LiDAR   January 2024 – May 2024

- Developed an automated system for precise and efficient cutting of Grass using IoT Technology.
- Implemented IoT Sensors and devices to monitor and control the cutting process remotely.
- Proficient in using Arduino and Raspberry pi platforms, and programming with python.
- Implemented the Ros API and Hector Slam mapping for LiDAR, to detect object and mapping of the worked area, enhancing the precision cutting process.
- Enhance solar grass cutter by ensuring consistent grass cutting and Reduce labour cost, time and pollution.

Front-end Web Development (E-commerce)   January 2022 – February 2022

- Organized the development of an E-commerce webpage for fruits, achieving a 30% increase in user engagement.
- Utilized HTML, CSS, and JavaScript to create a visually appealing interface, resulting decrease in bounce rate.
- Tasked with optimizing user experience, employed VS Code for coding, ensuring seamless functionality.
- Employed responsive design techniques, resulting improvement in mobile compatibility.
- Established proficiency in front-end development, contributing to a 15% increase in overall website traffic.

Certifications

- Accomplished Software Engineering and Agile Software Development certification with Infosys Springboard.
- Completed HTML5 Application Development Fundamentals certification with Infosys Springboard.
- Completed Microchip Embedded Systems Virtual Internship certification with Micrpchip Technologies