

SATISH KUMAR RAJAGARI

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EDUCATIONS

Bachelor of Technology in Computer Science and Engineering Srinivasa Ramanujan Institute of Technology	August 2019 – April 2023
Board of Intermediate Education Nucleus junior College	Jun 2017 - March 2019

SUMMARY

I am a passionate computer science graduate with software development, data science, and analysis experience. My real area of expertise is developing websites through HTML5, CSS3, JavaScript, and Node.js. I can also do some Python, Java, and C as well. Here, I'm conversant with database administration using SQL and MongoDB and proficient in frameworks like Django and ReactJS. I have demonstrated the ability to solve problems backed by hard data supported by excellent analytical and problem-solving skills. I am skilled at applying version control systems used in collaborative settings like GitHub or Git committed to helping create dynamic, agile environments for data-driven strategies.

WORK EXPERIENCE

Python Developer Intern Tech Octanet Services Pvt Ltd	May 2024 – June 2024
<ul style="list-style-type: none">Engaged in Python development projects, utilizing advanced libraries and frameworks.Worked effectively with team members using version control tools like Git and GitHub, managing code efficiently and enhancing project quality.Applied data analysis methods in Python projects, improving accuracy and efficiency.Solved complex problems to enhance project functionality and operational efficiency.Demonstrated strong problem-solving skills, improving project functionality.Thrived in a dynamic, fast-paced environment with great attention to detail.	

TECHNICAL SKILLS

- Programming Languages:** Python, Java, C
- Web Development:** HTML5, CSS3, JavaScript, Node.js
- Frameworks:** Django, ReactJS
- Cloud Platforms:** Azure, AWS (S3, Athena, EMR, EC2, Cloud Watch)
- Database Management:** SQL, MongoDB
- Version Control:** Git, GitHub
- Tool:** MS Excel, Visual Studio Code

PROJECTS

Prediction of Hepatitis Disease	January 2022 – March 2023
<ul style="list-style-type: none">Implemented the SVM approach to enhance hepatitis illness prediction accuracy within the first quarter of deployment, leveraging its robust capabilities in regression and classification tasks.Executed Stratify K Fold Cross Validation to ensure a balanced distribution of training and test datasets, resulting in a 20% reduction in false positives and false negatives by the end of the second quarter.Developed a streamlined model deployment process, reducing deployment time and increasing operational efficiency by the end of the third quarter.Conducted performance evaluations, achieving a minimum precision and recall of within the first six months, ensuring reliability and consistency in hepatitis illness prediction.Collaborated with medical professionals to integrate real-time data sources, improving model and adaptability, leading to a 25% increase in predictive accuracy over the course of one year.	

- Spearheaded the development of a Personal Task Manager Web Application, leveraging a full-stack approach, increase in user engagement within the first quarter.
- Applied user authentication and authorization mechanisms, ensuring secure access to the application, leading to a 15% reduction in security vulnerabilities by the end of the project timeline.
- Designed and execute a responsive web design strategy, guaranteeing a seamless user experience across diverse devices, improvement in user satisfaction metrics.
- Established efficient data storage solutions using SQL databases, decrease in data retrieval time and ensuring data integrity throughout the application lifecycle.
- Exploited and deploy task filtering and sorting features, enhancing user productivity by enabling efficient organization and prioritization of tasks, leading to a 18% increase in user task completion rates.

CERTIFICATIONS

- Achieved Data Analytics Certificate at AICTE-EduSkills.
- Achieved Python and SQL for Data Science at Scaler Topics.
- Certified in AWS Cloud AICTE-EduSkills for scalable applications.
- Trained in J.P. Morgan Software Engineering Virtual Experience on Forage.
- Salesforce Developer SmartInternz certification achieved for Salesforce solutions.
- Certified in UI Full Stack Web Development Naresh I Technologies for comprehensive web skills.