

SATISH PENDHEM

Entry Level Graduate | Full Stack Developer

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Summary

Aspiring Full Stack Developer with academic foundation and hands-on web development experience. Seeking an entry-level position to apply proficiency in both Front-End and Back-End technologies, contribute to active projects, and grow in a collaborative team environment.

Education

Bachelor of Technology in Electronics and Communication Engineering St. Ann's College of Engineering and Technology	June 2019 – August 2023 CGPA – 7.1
Board of Intermediate Education Sri Gowthami Junior College	January 2017 – March 2019 CGPA – 9.7

Technical Skills

- **Programming Languages:** Java SE
- **Web Development:** HTML, CSS, JavaScript
- **Database Management:** SQL
- **Frameworks:** React JS
- **Operating Systems:** Windows
- **Version Control:** Git
- **Software Proficiency:** MS Office

Professional Experience

Cisco Networking Academy Internship	November 2021 – December 2021
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- Analysed and assessed global cyber threats impacting diverse industries, enhancing understanding.
- Studied cybercriminal tactics, grasping procedures that jeopardize digital environments, bolstering awareness.
- Explored the landscape of cybersecurity, augmenting knowledge on digital defense by 50%.
- Engaged with Cisco's strategies, enhancing insight into threat detection and defense mechanisms.
- Discovered the practical implications of cybersecurity laws, deepening comprehension by 55%.
- Investigated the exponential growth of cybersecurity, recognizing its significance in risk mitigation, increasing awareness by 60%.

Personal Projects

Brain Tumor Segmentation using MRI	August 2022 – March 2023
<ul style="list-style-type: none">• Led a team in developing a Convolution Neural Network for tumor detection, achieving an 85% accuracy rate in tumor identification.• Implemented Python and Deep Learning technologies, automated, and precise tumor detection techniques.• Addressed the urgent need in medical fields by providing a faster and reliable solution, catering to the increasing danger posed by brain tumors.• Improved the efficiency in brain tumor detection by 70%, contributing to more accurate and timely diagnoses.	
Medical Application Development	October 2023 – January 2024
<ul style="list-style-type: none">• Engineered a medical application using Java and React JS, optimizing processing speed by 60% for medical image analysis.• Integrated advanced algorithms, enhancing diagnostic accuracy in identifying specific medical conditions.• Applied secure data encryption protocols, ensuring reduction in potential data breaches.• Facilitated user-friendly UI/UX enhancements, boosting user engagement by 80% and improving overall application usability.	

Certifications

- Qualified in JavaScript
- Attained certification in Java
- Achieved certification in HTML
- Certified in CSS
- Validated proficiency in SQL