

# Surya T

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## OBJECTIVE

Aiming to leverage expertise in Java Full Stack development (Spring Boot, React) and MERN stack to build scalable web applications. Eager to apply AI/ML techniques using Python to create innovative systems, while enhancing skills in full-stack and AI/ML domains.

## SKILLS AND INTERESTS

Programming Languages	Java, C++, C, Python
Full Stack Technologies	HTML, CSS, JavaScript, Bootstrap, React, Spring Boot, Flask, Express.js, Node.js
Core Subjects	OOPs (Object-Oriented Programming), DSA (Data Structures and Algorithms), DBMS (Database Management Systems), CN (Computer Networks), OS (Operating Systems)
Databases	SQL (MySQL), NoSQL (MongoDB)
IDEs	IntelliJ IDEA, Eclipse, PyCharm, Visual Studio Code
Version Control System	Git, GitHub
Soft Skills	Critical thinking, Data-driven decision making, Project ownership
Tools	Postman (API Testing), Docker (Containerization)

## EDUCATION

Global Academy of Technology	Dec 2021 - June 2025
Bachelors of Engineering in Information Science	CGPA:8.93

## EXPERIENCE

<b>Full Stack Developer Intern   EY GDS – Next Gen Internship</b>	Dec 2024 - Jan 2025
• Built and deployed scalable full-stack applications using the MERN stack (MongoDB, Express, React, Node.js), developed RESTful APIs, integrated authentication, optimized database queries, and collaborated in an agile environment.	
<b>Full Stack Developer Intern   Vaishnav Technologies</b>	Aug 2024 - Oct 2024
• Developed and deployed scalable web applications using the React and Spring Boot framework, incorporating MySQL for database management.	
<b>Full Stack Developer Intern   Unified Mentor</b>	Oct 2024 - Nov 2024
• Built and deployed scalable full-stack applications using the MERN stack (MongoDB, Express, React, Node.js), developed RESTful APIs, integrated authentication, optimized database queries, and collaborated in an agile environment.	

## CERTIFICATIONS

• <b>Java Programming</b> (Udemy)
• <b>ReactJS</b> (Value Added Program)
• <b>Python Achievement Certificate</b>

## PROJECTS

<b>AI-Powered Healthcare Diagnostics System</b>
• Developed an AI-powered diagnostic system for early and accurate detection of critical diseases (brain tumors, lung cancer, kidney stones) leveraging deep learning (CNN) with TensorFlow, optimizing model architecture (e.g., ResNet50), and employing robust data preprocessing techniques for enhanced diagnostic accuracy.
<b>Java-based Full-Stack Ecommerce Platform</b>
• Developed a full-stack e-commerce platform with Spring Boot and React, integrating RESTful APIs for authentication, order processing, and Razorpay payments, while optimizing the backend using Hibernate and Spring Security.
<b>MERN-based Full-Stack Ecommerce Platform</b>
• Developed a full-stack e-commerce platform using the MERN stack, integrating RESTful APIs for authentication, order processing, and Razorpay payments. Implemented JWT for secure authentication, optimized the backend with Node.js and Express, and used MongoDB for efficient data management.

## HACKATHONS AND WEBATHONS

• I participated in Webathon 2024, an inter-college web app competition by IEEE Computer Society, Bangalore Section, and the 24-hour National Hackathon by Hack-A-League 3.0 in February 2025, representing the ISE Department.
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