

Surya T

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CAREER OBJECTIVE

Aiming to leverage the MERN stack (MongoDB, Express.js, React, Node.js) and Java Full Stack development (Java, Spring Boot) to build scalable web applications that enable seamless data flow and robust user interaction. Additionally, aspiring to develop expertise in artificial intelligence and machine learning to design intelligent systems, drive innovation in AI engineering, and contribute to cutting-edge technological advancements.

TECHNICAL SKILLS

Programming Languages: Java (Advanced), C, C++, Python

Full Stack Technologies: HTML, CSS, JavaScript, Bootstrap, React, Spring Boot, Flask, Express.js, Node.js

Databases: SQL (MySQL, PostgreSQL), NoSQL (MongoDB)

Tools: Postman, Docker

Version Control: Git, GitHub

Certifications: WEBATHON Participation, Java Programming (Udemy), HTML/CSS (TechA), Python Achievement

Training: ReactJS Value Added Program

INTERNSHIPS

Full Stack Development Intern

Oct 2024 - Nov 2024

Unified Mentor

Remote

- Contributed to building web applications by working on both the frontend and backend using React and Spring Boot or Node.js.
- Collaborated with senior developers, gaining practical experience in coding, debugging, and deploying real-world projects.
- Enhanced skills in full-stack development through hands-on learning in client-side and server-side development.

Java Full Stack Developer Intern

Aug 2024 - Oct 2024

Vaishnav Technologies

Remote

- Developed comprehensive web applications, handling both frontend and backend tasks using React and Spring Boot.
- Managed the full development lifecycle, including design, deployment, and database integration with MySQL or MongoDB.
- Collaborated with cross-functional teams to deliver scalable and high-quality solutions tailored to client requirements.

PROJECTS

Employee Management Application

Full Stack Project

- Developed an Employee Manager Application using Spring Boot, React, and MySQL.
- Implemented RESTful APIs and ORM mappings for efficient data handling.
- Designed a responsive frontend for seamless user experience.

AI-Powered Healthcare Diagnostics System

Machine Learning Project

- Built a diagnostic system leveraging CNN, TensorFlow, and Scikit-Learn to detect conditions related to heart, liver, diabetes, and kidney disease.
- Integrated multiple machine learning algorithms to improve accuracy and reliability of diagnostics.
- Conducted data preprocessing and model evaluation to ensure high-performance diagnostics.

E-commerce Platform (Spring Boot and React)

Full Stack Project

- Developed a full-stack e-commerce platform with Spring Boot, React, and MySQL, enabling product browsing and cart management.
- Implemented RESTful APIs for user authentication, order processing, and inventory management.
- Optimized SQL queries and backend operations for seamless data handling and improved application performance.

EDUCATION

Global Academy Of Technology

B.E. in Information Science and Engineering (CGPA: 8.93)

2021 – 2025