

Surya Sangadi

Software Engineer | MERN Stack & React Native Developer | AI & IoT Enthusiast

📍 Kakinada, Andhra Pradesh ✉ suryasangadi127@gmail.com ☎ +91 93918 05552 in Surya Sangadi 🌐 Surya9391

Carrier objective

Enthusiastic Software Engineer with expertise in MERN Stack, React Native, and Java Full Stack Development. Passionate about AI & IoT, with hands-on experience in building innovative solutions. Skilled in problem-solving and developing dynamic applications.[Know more about me](#) 🔗

Technical Skills

Category	Proficiencies
Programming Languages	Java, JavaScript
Frontend	React.js, React Native, Expo, TailwindCSS
Backend	Node.js, Express.js, MongoDB, REST APIs
IoT & Hardware	ESP32, Arduino (C/C++)
Version Control & Tools	Git, GitHub, Firebase
Other	AI & IoT Enthusiast, Problem-Solving

Work Experience / Internships

<p>Coincent in association with Worisgo, IOT Robotics & Embedded Systems Intern</p> <ul style="list-style-type: none">Developed IoT solutions using Arduino IDE and microcontrollers.Engineered an IoT model integrating real-time sensor data into a React Native app.Gained expertise in electronic components and circuit design.Engineered and enhanced power-efficient circuits to improve the system’s reliability and performance.	Hyderabad, Telangana December 2024 – Present
<p>SkillDzire, Java Full Stack Intern</p> <ul style="list-style-type: none">Built Alpha Trading, a full-stack Java-based trading application.Worked on backend integration and UI enhancements.Integrated RESTful APIs & JWT authentication, improving security and API response times by 30Enhanced UI/UX, leading to a 20% improvement in user engagement and retention*.	Hyderabad, Telangana June 2024 – August 2024
<p>BrainOvision Solutions Pvt. Ltd., Web development Intern</p> <ul style="list-style-type: none">Created a responsive travel website using HTML, CSS, and JavaScript.Explored WordPress for CMS-based development.Enhanced UI/UX for better user engagement.Applied SEO optimizations to enhance website visibility and performance.	Hyderabad, Telangana June 2023 – July 2023

Projects

<p>IoT-Based Smart Waste Segregation System (React Native, IoT, AI)</p> <ul style="list-style-type: none">Built a React Native app for real-time monitoring of waste segregation.Integrated IoT sensors (IR, Proximity, Raindrop) to automate waste classification.Crafted an interactive dashboard for users to track waste data and optimize waste management.	Resortify 🔗
<p>Alpha Trading (Java Full Stack)</p> <ul style="list-style-type: none">Architected and engineered a trading platform using Java Full Stack technologies.Created a dynamic and responsive UI using React.js for web and React Native for mobile applications.Architected and deployed RESTful APIs for efficient frontend-backend communication and scalability.	Alpha Trading 🔗
<p>MoviPass / BookMyShow(clone) (MongoDB, Express.js, React.js, Node.js).</p> <ul style="list-style-type: none">Built a full-stack movie ticket booking system supporting real-time seat selection with WebSocket technology.Integrated Razorpay for secure payments, reducing checkout failure rate by 25%.Improved load time by 30% through frontend performance optimizations.	Moviepass 🔗

Smart Money Tracker – Personal Finance Management System

SmartMoneyTracker 

- Developed a personal finance management system using MERN Stack to track income and expenses.
- Constructed a responsive and intuitive UI for financial tracking.
- Elevated user engagement through an intuitive and visually appealing UI/UX.

Education

Aditya Engineering College , Computer Science Engineering	2021 – Present
<ul style="list-style-type: none">• CGPA: 7.77/10.00	<ul style="list-style-type: none">• Percentage: 70.00 %
Naraya Junior College , MPC	2019 – 2021
<ul style="list-style-type: none">• Marks: 839/1000	<ul style="list-style-type: none">• Percentage: 83.8 %
presidency Public School	2018 – 2019
<ul style="list-style-type: none">• GPA: 9.5/10	<ul style="list-style-type: none">• Percentage: 95 %

Certifications

- Cisco C Programming Essentials Certified – Verified by Cisco Academy.
- Pearson Certified Python Developer – PCAP: Python programming essentials.
- React & MERN Stack Bootcamp Graduate – Completed 12-week intensive training.