







# Aravinthan R S

## Software Developer

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 Aravinthan Sankaran || LinkedIn  My Portfolio

### SUMMARY

- **2.5 years of experience** in software development with a strong focus on **React, Next.js, and Tailwind CSS**, along with practical knowledge of **Node.js, MongoDB, and Robotic Process Automation using Python**.
- Involved in all stages of the development lifecycle — from **requirement gathering** and **task breakdown** to building **front-end components** for web applications.
- Eager to apply and expand skills in **JavaScript, React, Next.js, and backend development**, while continuously **learning and growing professionally** in line with modern web development trends.

### PROFESSIONAL EXPERIENCE

**Iovate Technologies LLP, Web Developer || Software Developer** Oct 2022 – Aug 2024 | Coimbatore, India

- Built reusable and responsive UI components using React/Next.js, Tailwind CSS, Figma, and Canva.
- Created PoCs, explored new tools, and used AI to improve development.
- Leveraged AI tools to optimize code quality.
- Gained beginner experience with Node.js, APIs, databases, Docker, NPM, and Postman.
- Implemented and optimized autonomous navigation, mapping, and object recognition.

**Utasha Technologies, React Developer** Sep 2024 – present | Coimbatore, India

- Identified and resolved bugs in React components to enhance performance and user experience.
- Designed and implemented reusable React components to improve project efficiency and maintainability.
- Worked closely with backend teams to integrate and optimize frontend APIs.
- Created and managed tasks in Jira after analyzing design files (XD/Figma) to streamline development.
- Actively engaged in daily stand-ups, QA calls, agile workflows to enhance team collaboration and efficiency.

### SKILLS

#### Frameworks

React-JS/Next-JS,Tailwind CSS,Cascading Style Sheets

#### Tools & Utilities

Git,NPM,Jira,AI Tools,Yarn,clockify,Teams,Slack

#### Backend Development

Node-JS,Express-JS,Postman

#### DataBase & DataStructure

MongoDB,Strapi-JS-(beginner Level),My-SQL

#### Programming Languages

JavaScript (ES6) , Python (Beginner Level)

#### Deployment & DevOps

Docker(Beginner Level),Netlify,Linux (Ubuntu)

#### CMS & Design Tools

WordPress,Figma,Canva,Adobe

#### Robotics & Automation

ROS-2,NAV-2,Node-Red-JS,Open-CV


## EDUCATION

Tamilnadu College of Engineering, B.E. Mechanical Engineering

Jul 2016 – May 2020 | Coimbatore

## PROJECTS

### SensorLink - Realtime Bridging Controller System, @ Iovate Technologies LLP

- Enhanced user experience by integrating Tailwind CSS with React/Next.js, achieving a unified design with 90% reusable components.
- Developed communication and authentication layers using Socket.io , Node.js/Express.js, and a static OTP-based verification system.
- Designed a contact page enquiry form with validation using React Hook Form.

### Cross-Platform Integration: Autonomous Robot Development, @ Iovate Technologies LLP

- Integrated ROS-2 and NAV-2 with Python 3 to enhance navigation, optimizing path planning for efficient trajectory.
- Used the **OpenCV** library to assist the robot in detecting and locating training objects and Path.
- Collaborated with teams to refine object detection guidelines in the robot's environment.

### Proof of Concept (PoC) at Iovate Technology, @ Iovate Technologies LLP

- **NanoLMS**: Built an LMS page with WordPress, later migrated to Next.js & Tailwind CSS, and secured authentication with SuperTokens.
- **Supersafe: TrackFlow**: Developed a RESTful API with Docker, designed a Strapi data model, and added real-time data visualization.
- **eApta**: Created an IoT workflow using NodeRed.js, enabled MQTT-based sensor communication, and integrated Telegram alerts for issue reporting.

### Automated Credentialing & Privilege Management System, @ Utasha Technologies

- Designed an LLM-driven system for automatic document-based credential verification, reducing manual data entry for applicants.
- Implemented a hierarchical review process for higher authorities to verify and approve extracted applicant data efficiently.
- Enabled applicant-specific data editing while maintaining system accuracy and streamlining credentialing workflows.

## CERTIFICATION

### FULL STACK DEVELOPER

Completed in N School Academy

## PAST EXPERIENCE

### Sasco Engineering Private Limited, NPD Engineer

Oct 2021 – Mar 2022 | Chennai

- Working With Client Like Ashok Leyland and EV parts of Ashok Leyland Closely with design and model in R & D Stages.
- Working with ERP / SAP Store management and invoice and purchase management.

### Uniflex Precision Private limited, NPD Engineer

Aug 2020 – Aug 2021 | Hosur

- Worked with Volvo , ZF Like Customer closely with Design and development
- Quality checking using CMM and also manually.