

# Aravind Raja

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## Professional Summary

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Results-driven **Software Engineer** with hands-on experience in developing scalable and high-performance **web applications** using the **MERN stack** (MongoDB, Express.js, React.js, Node.js), **JavaScript (ES6+)**, and **Python**. Proficient in **UI/UX development**, **RESTful API integration**, and **state management** using modern frontend frameworks. Skilled in **SQL and NoSQL database design**, **test-driven development (TDD)**, and **Git-based version control**. Strong understanding of **web accessibility (WCAG standards)**, **SEO optimization**, and best practices for building **production-ready, user-centric software solutions**.

## Technical Skills

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- **Web Content Management:** Content Structuring, SEO Optimization, Accessibility, Performance Optimization
- **Front-End Development:** HTML5, CSS3 (Tailwind CSS), JavaScript (ES6+), React.js, Responsive Web Design
- **Back-End Development:** Node.js, Express.js, RESTful APIs
- **Programming Languages:** JavaScript (ES6+), Python
- **Database Management:** MongoDB, Mongoose, MySQL
- **Data Analysis:** SQL, Microsoft Excel
- **Dev Tools & Platforms:** Git, GitHub, Microsoft Excel, Visual Studio Code, Chrome DevTools
- **Core Competencies:** Test-Driven Development (TDD), Agile Methodologies, Web Performance Optimization, Time Management, Adaptability, Problem Solving

## Experience

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### Full Stack Web Development Intern

PrepInsta Technologies | May 2024 – Jul 2024

- Developed and maintained responsive UI components using React.js and handled server-side operations with Node.js and Express.js.
- Integrated Stripe for secure payment processing and implemented session-based authentication.
- Optimized pages for SEO and accessibility using WCAG guidelines, improving web performance and user experience.
- Managed real-time data operations with MongoDB, enhancing user management and order processing in a MERN stack environment.

### Full Stack Development Intern

AICTE Eduskills | Dec 2024 – Mar 2025

- Completed a 14-week intensive internship focusing on software development with JavaScript, React.js, Node.js, and RESTful API integration.
- Implemented responsive design, modular code architecture, and web accessibility standards in project-based learning.
- Gained experience in agile methodologies, continuous integration, and version control with Git.

## Projects

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Cravezy - Food Delivery Website | [Live Link](#)

- Developed a fully functional food delivery web application using the MERN stack with a strong focus on scalability and real-time functionality.

- Integrated MongoDB for dynamic product and order data handling, and Stripe for secure payment gateway integration.
- Implemented core features including JWT-based user authentication, meal planner, sticky cart, and nutrition filters.

#### Shopio - E-Commerce Website | [Live Link](#)

- Developed an e-commerce platform with React.js, focusing on modular design, responsive UI, and dynamic routing with React Router.
- Designed accessible product pages and streamlined the shopping experience for single-page applications.

#### Learnzy – Learning Management System | [Live Link](#)

- Delivered a scalable, modular LMS using the MERN stack.
- Implemented Clerk authentication (secure sign-in/sign-up), role-based access control, and a responsive, cross-device UI with Tailwind CSS.
- Added AI-driven features: floating chatbot assistant and smart study planner for personalized learning.

### Education

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- **Master of Computer Applications (MCA)**  
SRM Institute of Science and Technology, Chennai | **CGPA: 9.73 | 2023 - 2025**
- **Bachelors of Computer Applications (BCA)**  
SRM Institute of Science and Technology, Chennai | **CGPA: 9.30 | 2020 - 2023**

### Certifications

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- **Full Stack Web Development - Udemy**

### Strengths

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- Efficient web content management and optimization
- Adaptability to emerging technologies and frameworks
- Strong problem-solving and debugging across frontend and backend

### Additional Information

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- **Work Location:** Chennai, Bangalore, Hyderabad (Open to Relocation)
- **Work Flexibility:** Open to On-Site, Hybrid, and Remote Opportunities
- **Shifts:** Open to Rotational, Day, or Flexible Shifts
- **Availability:** Immediate Joining