

Ravitheja K L

+91 8301982846 | ravithejaravi14@gmail.com | ravithejakl.com

 [Ravitheja K L](#) |  [THEJA-14](#)

Kasaragod, Kerala - 671543, India



OBJECTIVE

Seeking a challenging position in web development to leverage my expertise in JavaScript, React.js, Node.js, and backend technologies. Aiming to contribute to innovative and scalable web applications at the intersection of user experience, performance, and real-world problem solving in areas such as full-stack development and modern cloud-based systems.

EDUCATION

- Sahyadri College of Engineering and Management** 2022 - Ongoing
B.E Computer Science Mangalore, India
 - GPA: 9.31
- Sri Annapurneshwari Higher Secondary School** March 2022
Class XII, Science Mulleria, India
 - Grade: 94.3%
- Vidhyashree Shikshana Kendra** March 2020
Class X Mulleria, India
 - Grade: 98%

PROJECTS

- Weather App: A responsive web application to fetch and display real-time weather information** April 2025
Tools: React.js, Next.js, OpenWeatherMap API, Tailwind CSS, Git 
 - Developed a weather forecasting application capable of retrieving real-time weather data based on user input or geolocation.
 - Integrated OpenWeatherMap API for accurate weather data via RESTful calls.
 - Used server-side rendering for faster load times and improved SEO.
 - Designed modular UI components with Tailwind CSS for scalability.
- Automatic Number Plate Detection: Detects vehicle numberplates using YOLOv10 and PaddleOCR.** Dec 2024
Tools: YOLOv10, PaddleOCR, OpenCV, Python 
 - Developed a real-time system to detect vehicle license plates using YOLOv8 object detection.
 - Integrated PaddleOCR to extract and recognize text from detected plates with high accuracy.
 - Applied OpenCV-based preprocessing techniques to enhance detection and OCR performance.
 - Enabled robust recognition in various lighting and angle conditions, improving real-world applicability.

TECHNICAL SKILLS

- Programming Languages:** Java, C, JavaScript
- Web Technologies:** HTML5, CSS3, Bootstrap 5, React.js, Next.js, Node.js, Express.js, REST APIs, Tailwind CSS
- Database Systems:** PostgreSQL, SQL, MongoDB
- Specialized Area:** Full-Stack Development, Deep Learning, API Integration
- Other Tools & Technologies:** Git, GitHub, NPM, Bash, Vercel

CERTIFICATIONS

- The Complete Web Development Bootcamp – Udemy** July 2025
- Backend Development: Advanced DSA with JS – Abhyudaya Softech & SCEM** Jan 2025
- Postman API Fundamentals Student Expert – Postman** July 2025

ACHIEVEMENTS

- Event Volunteer – Synergia 2024** SCEM
Contributed to coordination, technical support, and attendee management during college-level innovation and tech showcase. May 2024
- Passed NAT Japanese Language Test – Level N5** Senmon Kyouiku Publishing Co. (NAT)
Certified basic proficiency in Japanese reading, grammar, and vocabulary. April 2025
- National-Level Yoga Participant** School Games Federation of India
Represented the institution in a national yoga championship event. December 2020