

JAIJITH KS

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Professional Summary

Computer Science and Engineering graduate with experience in full-stack web development, workflow automation, and AI-assisted development. Skilled in React.js, Node.js, Express.js, MongoDB, REST APIs, and n8n automation. Experienced in building end-to-end web applications, integrating third-party services, and developing AI-powered workflows. Seeking Software Development and Automation-focused opportunities to contribute to impactful projects while expanding technical expertise.

Technical Skills

Programming Languages: JavaScript, Python, Java, C

Frontend Development: HTML5, CSS3, JavaScript, React.js, Tailwind CSS

Backend Development: Node.js, Express.js

Databases: MongoDB, MySQL (Basic), Supabase

Tools Platforms: Git, GitHub, VS Code, Postman, n8n, Vercel, Cloudinary

Concepts: REST APIs, CRUD Operations, Authentication, JWT, API Integration, Webhooks, Workflow Automation, Responsive Web Design, Component-Based Architecture

AI Automation: n8n, ChatGPT, GitHub Copilot, Cursor AI, Prompt Engineering, AI Workflow Automation, AI Content Generation

Training Workshops

Hexinox – AI-Assisted Web Development Workshop

- Participated in an intensive 2-day training program focused on AI-assisted web development workflows.
- Learned to build responsive web applications using modern development tools and AI coding assistants.
- Explored the use of AI tools for code generation, debugging, UI development, and productivity enhancement.
- Gained hands-on experience with React.js development concepts and AI-powered software development practices.

Projects

Restaurant Full-Stack Application

- Developed a full-stack restaurant management platform using React.js, Node.js, Express.js, and MongoDB.
- Built separate customer-facing and admin interfaces for menu management and restaurant operations.
- Implemented secure admin authentication using JWT and integrated RESTful APIs for CRUD operations.
- Developed image upload functionality using Multer and Cloudinary for cloud-based media storage.
- Utilized MongoDB Atlas for database management and Axios for frontend-backend communication.
- Frontend Demo: restaurant-full-stack-w1bu.vercel.app

- Admin Dashboard: restaurant-full-stack-zfqf.vercel.app
- GitHub: github.com/Jaijithks/Restaurant-Full-Stack

ReadEase – Automatic Rain Gauge Meter Reading System

- Designed an automated rain gauge monitoring system for real-time rainfall measurement.
- Used ESP32 and ultrasonic sensors to collect and process rainfall data.
- Developed a web-based dashboard to visualize and monitor rainfall readings.
- Reduced manual intervention and improved data accessibility for analysis and planning.
- Live Demo: <https://final-project-beta-brown.vercel.app/>
- GitHub: <https://github.com/Jaijithks/FINAL-PROJECT>

E-Commerce Frontend Application

- Developed and deployed a responsive e-commerce web application frontend using React.js.
- Implemented product catalog browsing, shopping cart functionality, and dynamic user interactions.
- Managed application state using React Context API and implemented client-side routing with React Router.
- Built reusable and maintainable UI components following component-based architecture principles.
- Applied responsive web design techniques to ensure compatibility across desktop and mobile devices.
- Live Demo: <https://e-commerce-website-basic-murex.vercel.app/>
- GitHub: github.com/Jaijithks/E-COMMERCE-website-basic-

AI Job Aggregator Email Automation — n8n, APIs, Webhooks

- Built an automated job aggregation workflow using n8n to collect internship opportunities from multiple online sources.
- Parsed and transformed job data into structured formats using JSON processing and workflow automation.
- Automated email notifications containing curated job listings and application links.
- Implemented filtering, scheduling, and data transformation workflows to reduce manual job-search effort.
- Integrated APIs and webhook-based automation for seamless workflow execution.

Education

Government Engineering College, Idukki

Graduated: May 2026

Bachelor of Technology (B.Tech) in Computer Science and Engineering

Relevant Coursework: Data Structures and Algorithms, Database Management Systems (DBMS), Operating Systems, Computer Networks

Certifications

- NPTEL Joy of Python (IIT)
- Self-Learned n8n Workflow Automation and AI Agent Development
- AI-Assisted Web Development Training Certificate – Hexinox Technologies

Languages

Malayalam (Native), English (Professional Working Proficiency)