

H Hari Balaji

Full-Stack Developer — React.js — Node.js — MongoDB — DSA Enthusiast

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PROFESSIONAL SUMMARY

Full-Stack Developer with experience in React.js, Node.js, and MongoDB. Skilled in building scalable web applications, REST API development, and cloud deployment. Knowledge of Agile/Scrum methodology, CI/CD, debugging, and testing practices. Strong problem-solving skills with 325+ LeetCode problems solved.

EDUCATION

Computer Engineering | Anna University Regional Campus Tirunelveli

CGPA: 8.11 | June 2026

SKILLS

- **Languages:** C, C++, Java, JavaScript, PHP, HTML5, CSS3
- **Frameworks & Libraries:** React.js (React), Node.js (Node), Express.js, Bootstrap, Firebase, RESTful APIs
- **Databases:** MySQL, MongoDB **Tools:** Git, GitHub, VS Code, Postman, Vercel, Hostinger
- **Core CS:** Data Structures & Algorithms, OOP, DBMS, OS, Computer Networks
- **Other:** Agile/Scrum, API Development, Cloud Deployment, CI/CD, Debugging, Unit Testing
- **Soft Skills:** Problem-Solving, Teamwork, Communication, Adaptability

EXPERIENCE / INTERNSHIP

Full-Stack Developer Intern — Kinowave (Sep 2024 – Nov 2024)

Live Demo

- Developed and deployed a responsive landing page using React.js, ensuring mobile-first and cross-browser compatibility.
- Created an interactive Hero section with video background and auto-typing text to improve user engagement.
- Deployed application to Hostinger with cloud hosting, ensuring scalability, 99.9% uptime, and high performance.

PROJECTS

Real-Time Chat Application | React.js, Node.js, Socket.io, MongoDB, Material UI

Live Demo

- Built a real-time chat application with live messaging, typing indicators, notifications, and file/media sharing.
- Implemented RESTful APIs and MongoDB for persistent storage, supporting reliable message history.
- Optimized WebSocket communication for low-latency updates and responsive design across devices.

MyNotebook — AI-Powered Note-Taking App | React.js, Node.js, Python

- Developed a dyslexia-friendly note-taking app supporting text, audio, video, and image inputs.
- Implemented AI-based summarization and CRUD functionality with responsive Bootstrap modals.
- Enhanced frontend-backend integration, improving media management and performance.

Dynamic 3D Scene Implementation | Three.js, Blender, HTML, CSS, JavaScript

Demo

- Created an interactive 3D web experience using Three.js with custom geometries, lighting, and textures.
- Enabled interactions including zoom, rotate, and highlight, improving user interactivity.
- Deployed with responsive design and Agile methodology for iterative improvements.

ACHIEVEMENTS & COMPETITIONS

- Secured **2nd place** at National-Level Project Exhibition (2024).
- Ranked **1st** on college leaderboard in GeeksforGeeks problem-solving — [Link](#)
- Solved **325+ problems** on LeetCode — [Link](#)
- Won **5+ prizes** in coding, debugging, and paper presentation at technical symposiums.
- Achieved **2nd rank** in Class 12 (2022) at Kendriya Vidyalaya.

CLUBS & ACTIVITIES

Talent Quest for India (2022–Present) — Ullas Learnathon Volunteer

InnovateTN Forge (2024–Present) — Student Volunteer