

BUVANRAJ V

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Experience / Internships

Frontend Developer Intern , <i>Ladybird Web Solution Pvt Ltd</i> - Developed a fully responsive multi-page business website for a handcrafted leather and woodcraft shop using HTML, CSS, Bootstrap 5 - Implemented responsive layouts, reusable UI components, and interactive navigation for an improved user experience - Optimized the website for cross-browser compatibility and mobile devices without using any backend or build tools	05/2026 – 06/2026 Dharmapuri, Tamil Nadu, India
AI/ML Intern , <i>Infosys Springboard</i> - Built Transfer-IQ, an AI-powered data transfer assistant using FastAPI, XGBoost, and PyTorch LSTM - Designed responsive React.js dashboards with Recharts for real-time data visualization - Deployed the application on Netlify and integrated SHAP for model explainability	02/2026 – 04/2026 Remote

Education

B.Tech – Information Technology , <i>R.M.K. Engineering College (RMKEC)</i> CGPA: 7.73	2024 – 2028 Kavaraipettai
12th – Higher Secondary , <i>Kongu Matriculation Higher Secondary School</i> Percentage: 89.67%	2023 – 2024 Morappur

Technical Skills

Frontend React.js, TypeScript, Tailwind CSS, ShadCN UI, Recharts	Backend Node.js, Express.js, MongoDB, FastAPI, JWT Auth, REST APIs
Languages Java, Python, JavaScript, TypeScript	AI/ML Python (XGBoost, PyTorch LSTM), SHAP

Projects

Profile Management System , <i>HTML, CSS, JavaScript</i> - Developed a Profile Management Application using HTML, CSS, and JavaScript with complete CRUD (Create, Read, Update, Delete) functionality - Designed a responsive and user-friendly interface compatible with mobile, tablet, and desktop devices - Implemented form validation, dynamic content updates, and interactive user features using JavaScript	12/2025
Transfer-IQ , <i>React.js, Vite, FastAPI, XGBoost, PyTorch LSTM, SHAP, Recharts</i> - Developed an AI-powered data transfer assistant platform integrating XGBoost and PyTorch LSTM models via FastAPI, enabling intelligent automation and real-time predictions - Designed an intuitive React.js dashboard with Recharts visualizations, translating complex ML outputs into clear, user-friendly data views - Deployed the full-stack application on Netlify with seamless frontend-backend integration for public live demonstration	02/2026 – 04/2026
HealthPulse-AI , <i>React.js, TypeScript, Tailwind CSS, Node.js, MongoDB, Gemini AI</i> - Built a comprehensive health assistant web app integrating Gemini AI, OpenWeather API, and WAQI API to deliver personalized, real-time health insights and environmental recommendations - Architected the full UI system using Tailwind CSS and ShadCN UI, designing responsive layouts, data dashboards, and interactive components - Implemented secure JWT-based authentication and RESTful API integration with Node.js and Express.js	12/2025 – 05/2026

Certifications

• Infosys Internship 6.0	• Generative AI Professional	• AI Foundations Associate
• AWS Solution Architect Certification	• Java Developer Certification	• Software Testing Certification

Achievements

• Shortlisted for Round 2 in 50+ competitive technical assessments and hiring challenges
• Achieved Top 10 and Top 20 rankings in various national-level hackathons and coding competitions
• Consistently ranked within the Top 50 participants across multiple technical events and hackathons