Tarunkumar S

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Profiles: LinkedIn | GitHub

PROFESSIONAL SUMMARY

Detail-oriented Electrical and Electronics Engineering student specializing in software development and full-stack engineering, with hands-on experience in developing and deploying responsive web applications. Proficient in building scalable applications using JavaScript, Python, React.js, Next.js, Node.js, and Express.js. Adept in RESTful API development, database integration, user authentication, third-party integrations, and cloud deployment. Proven experience in delivering end-to-end web platforms through internships and independent projects, with a strong interest in developing reliable, user-centric software solutions.

TECHNICAL SKILLS

Programming Languages: JavaScript, Python

Frontend Development: React.js, Next.js, HTML5, CSS3, Responsive Web Design

Backend Development: Node.js, Express.js, REST APIs, User Authentication

Databases & Backend Services: MongoDB, Firebase, Supabase

Third-Party Integrations: Razorpay, Clerk

Tools & Platforms: Git, GitHub, Vercel, Render, Deployment Troubleshooting

Electrical & Automation Tools: MATLAB, Simulink, AutoCAD, PLC, HMI, Industrial Automation

WORK EXPERIENCE

MERN Stack Development Intern | Emertxe / WebStack Academy

August 2026 – September 2026 | Remote

• Architected and deployed "Homely Hub," a full-stack property booking application designed to streamline property search and booking workflows.

• Utilized React.js, Redux, Node.js, Express.js, and MongoDB to build a responsive user interface and secure backend RESTful APIs.

• Successfully deployed the platform to live production servers, ensuring optimal uptime and cross-device compatibility.

Web Development Intern | Cognifies IT Solutions Pvt. Ltd.

August 2026 – September 2026 | Remote

• Developed responsive web applications for educational portals, prioritizing seamless user experience (UX) and accessibility standards.

• Authored thorough technical documentation covering project architecture, tech stack specifications, and maintenance guidelines.

Industrial Intern | Amphenol FCI OEN Connectors Ltd. | Bengaluru

December 2023 – April 2024

• Operated HMI/PLC-based cable cutting systems and assisted with crimping and wiring harness assembly operations.

• Gained practical experience in industrial automation, quality control, and production workflows

PROJECTS

AI Smart Traffic Congestion Predictor & Route Optimizer | Live Demo

• Engineered a web application featuring secure user authentication, dynamic route optimization, and predictive traffic analytics.

• Recognized as a top project release during the Interconnect 26.0 GM release (October 2026).

Travel AI: AI-Powered Travel Planning Platform | Live Demo

•Developed a responsive AI travel planner integrating Supabase for user state management and real-time data storage.

• Designed an interactive UI for destination exploration and customized itinerary generation.

Team Sheriya Web Platform & Technical SEO | Live Demo

• Built and deployed the official website on Vercel with high performance and accessibility scores.

• Configured sitemap.xml, robots.txt, and Google Search Console, boosting search engine indexing and technical SEO ranking

EDUCATION

Bachelor of Technology (B.Tech) in Electrical and Electronics Engineering

GM University, Davanagere, Karnataka

CGPA: 8.5 / 10.0

Diploma in Electrical and Electronics Engineering

DRR Government Polytechnic, Davanagere, Karnataka

CGPA: 7.8 / 10.0

HONORS & ACHIEVEMENTS

• 1st Place Winner – Interconnect 26.0 Hackathon / Project Competition, GM University (April 2026)

LANGUAGES

English (Professional Proficiency), Kannada (Native), Hindi (Conversational)