

HARSHAVARDHAN M V

Software Developer

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SUMMARY

I am a recent Electronics and Communication Engineering graduate from Visvesvaraya Technological University, seeking an entry-level Software Developer role. I have hands-on experience in **full-stack web development** using **HTML, CSS, JavaScript, React.js, Node.js, Express.js, and MongoDB**. I possess strong problem-solving skills and the ability to **analyze requirements, implement solutions, and collaborate effectively** in fast-paced environments. I am committed to applying my technical knowledge to **real-world projects** and continuously expanding my skill set.

SKILLS

Programming Languages: JavaScript, HTML, CSS

Frameworks & Libraries: React.js, Node.js, Express.js

Databases: MongoDB

Tools & Technologies: Git, RESTful APIs, Web Development, Version Control

WORK EXPERIENCE

Varcon's Technologies

Software Developer

Feb 2025 - Jun 2025

Hassan, Karnataka

- Engineered 3+ responsive web applications using React.js, Node.js, Express.js, HTML, CSS, and JavaScript, improving user engagement and system performance.
- Built and integrated 5 RESTful APIs with MongoDB, reducing data retrieval time by 30%.
- Optimized front-end components for cross-browser compatibility, resulting in faster load times and enhanced usability.
- Collaborated within an Agile team and utilized Git for version control, ensuring timely project delivery and efficient code management.

PROJECTS

Smart Irrigation using ThingSpeak

- Designed an IoT-based irrigation system to automatically monitor soil moisture, achieving a 15–20% reduction in water usage.
- Implemented real-time data collection and analysis via ThingSpeak for optimized irrigation scheduling.

Water Quality Monitoring System using Arduino & ESP8266

- Developed a real-time water quality monitoring system measuring pH, turbidity, and temperature.
- Expanded system capabilities with IoT integration, enabling remote monitoring and improving operational efficiency by 25%.

Solar Based Electric Vehicle Charging System

- Created a software application for EV charging management, enabling real-time session monitoring.
- Upgraded the user interface with React.js and backend integration, reducing manual tracking errors by 40%.
- Contributed to a solar-powered EV charging solution, supporting sustainable energy adoption.

CERTIFICATIONS

C for Beginners | Great Learning

Cloud Computing | EC-Council

Soft Skills and Microsoft Office | 10SECONDS

EDUCATION

BE - Electronics and Communication Engineering

Navkis College Of Engineering, Visvesvaraya Technological University, CGPA: 8.9

LANGUAGES

Kannada, English