Ragi Umesh

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Professional Summary

Full Stack Developer with hands-on experience in building scalable web applications using React.js, Node.js, Express.js, and RESTful APIs. Strong foundation in front-end and back-end development, SDLC, debugging, and version control using Git. Experienced in Agile-based project execution, responsive UI development, and API integration. Motivated to contribute to enterprise-grade applications and continuous product innovation.

Technical Skills

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Bootstrap, AJAX
Backend: Node.js, Express.js, RESTful APIs
Databases: MongoDB, PostgreSQL (Basic Exposure)
Programming: JavaScript, Python, C, C++
Tools & Platforms: Git, GitHub, VS Code, Postman
Concepts: SDLC, MVC Architecture, Debugging, Agile Methodologies, API Testing
Cloud & Others: Basic exposure to GCP, Firebase Events, IoT Systems

Projects

Karthiwini Solutions – Full Stack Business Website   *2024*

- Designed and developed a full-stack web application using React.js, Node.js, Express.js, and MongoDB.

- Implemented RESTful APIs for lead management, service listings, and contact form submissions.

- Structured backend using modular architecture for better scalability and maintainability.

- Integrated frontend components with backend APIs using asynchronous requests (Axios / Fetch).

- Validated user inputs and implemented basic error handling for API requests.

- Optimized application performance by reducing unnecessary re-renders and improving API response handling.

- Used Git and GitHub for version control, feature branching, and code maintenance.

- Tested APIs using Postman and performed manual functional testing.

- Implemented responsive UI using modern CSS techniques and mobile-first design principles.

- Deployed the application with SSL configuration, domain setup, and production build optimizations.

- Followed SDLC phases including requirement analysis, development, testing, deployment, and maintenance.

Food Contamination Detection System (IoT)

- Built a sensor-based system using Arduino UNO and MQ sensors.

- Processed real-time data and implemented event-based alerts (Firebase exposure).

Hand Gesture System for Blind (IoT)

- Developed an assistive system using sensors to translate gestures into outputs.

Work Experience

Front-End Development Trainee, NXT Wave   Aug 2024 – Present
Remote

- Developed responsive web applications using HTML5, CSS3, JavaScript, and React.js.

- Integrated RESTful APIs and handled client-side state management.

- Participated in Agile practices including sprint planning and daily stand-ups.

- Debugged and optimized UI performance across devices.

Web Development Intern, Oasis Infobyte   Mar 2023 – Apr 2023
Remote

- Built front-end modules with clean UI using JavaScript and Bootstrap.

- Followed SDLC phases including development, testing, and deployment.

Assistant IT Worker, GM Office   Jun 2020 – Nov 2020
Godavarikhani

- Supported network infrastructure, LAN configuration, and troubleshooting.

Education

B.Tech in Information Technology   2021 – 2024
BV Raju Institute of Technology, Narsapur
CGPA: 7.43

Diploma in Computer Engineering   2018 – 2021
Singareni Collieries Polytechnic, Mancherial
CGPA: 6.0

SSC   2018
Sachdeva School of Excellence, Godavarikhani
GPA: 6.7

Certifications

NXT Wave – Full Stack Development (HTML, CSS, JavaScript, React, Node.js, SQL)
SQL (Basic & Intermediate) – HackerRank
CSS Certification – HackerRank
UI/UX Designing Internship – CodSoft
Web Development Internships – Oasis Infobyte, Bharat Intern
IoT Bootcamp Certification
Diploma in Computer Applications (DCA)

Languages

English (Fluent), Telugu (Native), Hindi (Proficient)