

RAJ SUBBIAH YADAV

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SUMMARY

Dynamic and innovative Software Developer with expertise in MERN stack development and IoT systems, complemented by a B.Tech in Electronics & Computer Science with a focus on AI/ML. Proven ability to develop and deploy scalable solutions, including a resume-building platform and an IoT-based smart car model. Certified in Python and IBM Project Management, with a strong background in project management and advanced software engineering principles.

SKILLS

Primary Skills: HTML5, CSS3, JavaScript, ReactJS, NodeJS, Express, MongoDB, NextJS, Tailwind CSS, Strapi, RESTful API Development, File Management, Server-Side Rendering, Vite

Additional Skills: Data Analysis, Data Modeling, Data Visualization, Problem-Solving, Responsive Web Design, Critical Thinking, Time Management, Presentations, Strategy, Teamwork, Autonomous Systems, IoT Development

Platforms & Tools: Git, GitHub, Postman, Visual Studio Code (VS Code), Canva, Arduino, Firebase, Jira

EXPERIENCE

Electrical Intern, Classic Marble Company Pvt.Ltd

Jan 2024 – Apr 2024

- Inspected and maintained over 50 electrical systems, achieving a 20% improvement in operational efficiency through timely troubleshooting.
- Troubleshooting and resolving electrical equipment issues, improving operational efficiency.
- Utilized advanced electrical testing tools for diagnostic purposes.
- Gained hands-on experience in electrical maintenance and troubleshooting.

PROJECT

Resume Builder | ReactJS, Vite, Strapi, CSS3, PDFKit

2024

- Designed and developed a resume-building platform with CRUD operations for seamless resume customization.
- Integrated real-time preview and PDF export, enhancing user experience by 40%.
- Delivered a fully responsive design for smooth functionality across devices.

FileShare Application | NodeJS, Express, ReactJS, MongoDB

2023

- Created a secure file-sharing system with upload/download features.
- Implemented intuitive UI for file management and seamless collaboration.
- Focused on efficient backend handling and secure file transactions.

Smart Car Model for Autonomous Driving | IoT, Arduino, C++, Python

2024

- Developed a smart car prototype for autonomous driving applications.
- Integrated sensors and microcontrollers for automated navigation and obstacle detection.
- Highlighted advanced IoT skills in a real-world project.

EDUCATION

Pillai College of Engineering, Panvel

2020 – 2024

B.Tech - Electronics and Computer Science - **CGPA** – 8.07

Panvel, Navi Mumbai, Maharashtra

EXTRACURRICULAR

Achievements: Certified Full Stack Web Developer, Accenture Data Analytics & Visualization, Python for Everyone

Languages: Fluent in English, Tamil; Conversational Proficiency in Hindi, Marathi