Vasanth S

Software Engineer | Full Stack & Backend Developer

Details

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Skills

Programming Languages

- Python
- JavaScript
- C++

Technologies

- HTML
- CSS
- SQL
- Oracle
- Git
- GitHub
- Jenkins

Frameworks & Tools

- Django
- Tailwind CSS
- Bootstrap
- Hadoop
- VS Code
- Android Studio
- Robot Framework

Testing

- Manual Testing
- Automation Testing (Robot Framework, Python)

Operating System

- Windows
- Linux

Certification

- Robot Framework Test Automation Lvl-2
- Certification in Python, Internshala
- Full Stack Web Developer Course
- AWS S3 Basics certification from Coursera

Profile

Computer Science & Engineering graduate with hands-on experience in designing, developing, and testing scalable web applications. Proficient in full-stack development with a strong backend focus using Python (Django), along with frontend technologies such as HTML, CSS, JavaScript, and Tailwind CSS.

Experienced in automation and manual testing using Robot Framework and Python, ensuring high-quality, reliable software delivery. Demonstrated ability to lead backend development, optimise business workflows, and collaborate effectively across cross-functional teams. A fast learner and problem solver, eager to contribute to challenging software engineering roles that demand both technical depth and product-focused thinking.

Employment History

Nelito Systems Pvt Ltd – Software Engineer
July 2025 – Present

(Key projects handled: NSmart, NARB, NCR, AHS)

- Handling **end-to-end manual and automation testing**, including test case design, regression testing, and complete project validation.
- Developing and maintaining automation frameworks using Robot Framework and Python, integrated with Jenkins CI/CD pipelines.
- Collaborating closely with development teams to align **test and development environments** and ensure release quality.
- Contributing to **internal application development using JSP**, supporting new features and enhancements.

6F Tech Consultant - Full Stack Developer
Feb 2024 – July 2025

(Key projects handled: VRMS, EQM, HRMS & CMS)

- Led and developed the **Vehicle Monitoring System (VRMS)** and **Enhanced Quality Management (EQM)** ERP system, focusing on backend development with Django and optimizing workflows for improved operational efficiency.
- Implemented the **Human Resource Management System (HRMS)** to automate processes in a production company, and collaborated on the **Content Management System (CMS)**, ensuring seamless integration and high-quality software delivery across multiple projects.

GGS Information Services - Full Stack Developer Intern
July 2023 – Sep 2023

- Developed a responsive full-stack web application by designing an interactive front end with HTML, CSS, and JavaScript, implementing back-end logic in PHP on a local server, and designing a MySQL database to ensure efficient, reliable data storage.

Freelance Projects

Personal Portfolio Website development

- Designed and developed a responsive personal portfolio website using HTML, CSS, and JavaScript to showcase projects and professional experience with a user-friendly interface.

Career Tracker Web App (Full-Stack Project)

- **Built a personal career management platform** using Django (Python), SQLite, and Tailwind CSS, featuring secure user authentication, responsive design with dark mode, and mobile-friendly navigation.
- **Implemented goal/task tracking**, course & certification logging, and a project portfolio with dynamic tech-stack display, while automating international job aggregation from multiple sources (Germany, Singapore, Finland, Switzerland).
- **Integrated an AI-powered cover letter generator** using the OpenAI API, creating tailored, job-specific letters based on user skills, preferred roles, and fetched job descriptions, with a focus on clean code, security best practices, and an intuitive UX with animated modals and real-time status tracking.

Education

- **Bachelor of Technology in Computer Science and Engineering**
2020- 2024
  B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai.