

Surya V

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📍 Coimbatore, Tamil Nadu

🔑 SuryaV-1331

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🔗 Portfolio

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Summary

Java Full Stack Developer with hands-on experience in Java, Spring Boot, React.js, TypeScript, REST APIs, SQL, and cloud platforms. Experienced in developing web applications, building REST APIs, integrating frontend and backend systems, troubleshooting applications, and deploying applications on AWS.

Professional Experience

Mphasis

Aug 2026 – Present

Associate Software Engineer

- Supporting application operations and troubleshooting activities in an enterprise environment.
- Working with Linux, PowerShell, Python, SQL, virtualization, storage, and cloud platforms.
- Performing application troubleshooting and technical support activities based on project requirements.

Trainee Associate Software Engineer | Jan 2026 - Apr 2026

- Completed technical training in Python, SQL, Linux, PowerShell, cloud platforms, virtualization, and application support, with hands-on exposure to troubleshooting, scripting, database queries, and cloud/IT infrastructure.

Lifafa Tech Services Private Limited

Mar 2025 – Aug 2025

Software Development Intern

- Built and integrated stock management and homepage modules using React.js and Tailwind CSS with API integration
- Developed and optimized REST APIs using Spring Boot for efficient data handling and frontend integration
- Managed code via Bitbucket, supported deployments using Jenkins, and monitored services with Graylog

Education

B.E. Electronics and Communication

2022 – 2026

Karpagam Institute of Technology, Coimbatore

CGPA: 7.7

Higher Secondary Certificate

2021 – 2022

SES Matric Higher Secondary School, Coimbatore

Percentage: 89%

Skills

Languages — Java, Python, JavaScript, HTML5, CSS3 | **Frameworks & Technologies** — Spring Boot, React.js, Next.js, RESTful APIs, Tailwind CSS | **Databases** — MySQL, PostgreSQL | **Tools & Platforms** — Git, GitHub, Bitbucket, Jenkins, Docker, VS Code, IntelliJ IDEA, Linux, Shell Scripting, PowerShell, AWS

Projects

P&ID to Digital Intelligence

AI & Computer Vision | React + TypeScript | Python FastAPI | PostgreSQL

- Engineered an AI-powered system to digitize and analyze P&IDs with YOLO symbol detection, Vision Transformer OCR, and intelligent line mapping
- Delivered an intuitive frontend with React + TypeScript for interactive visualization, validation, and workflow automation

DevFlow

Workflow Automation Platform | Spring Boot | React + TypeScript | PostgreSQL | JWT Authentication

- Developed a role based workflow automation platform supporting configurable multi level approval workflows for leave, expense, asset, and travel requests
- Built REST APIs for request management, workflow tracking, approval history, and dashboard analytics

Server Monitoring Dashboard

Python | psutil | React.js | AWS/GCP/Azure

- Built a real-time server monitoring dashboard using Python (*psutil*) and React.js to track system metrics (CPU, memory, disk, network, uptime)
- Deployed backend on cloud instances and visualized live server data across AWS, GCP, and Azure

Achievements

Smart India Hackathon (SIH'23)

Grand Finalist; ranked among the Top 5 teams at the national level.

TN EDII Hackathon

Second Runner-up in the state-level hackathon organized by the Government of Tamil Nadu.

EngineeredX ABB Hackathon 2025

Finalist among top colleges in Tamil Nadu for the P&ID to Digital Intelligence project.

Certificates

- Modern JavaScript (Udemy) 
- SQL (HackerRank) 
- Data Structures and Algorithms Using Java (NPTEL) 
- Responsive Web Design (freeCode Camp) 