

Sreerag Urupurath

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Support Engineer | Full Stack Development | Test Automation | DevOps

Seasoned IT support professional and open-source contributor with testing/development expertise across web/mobile apps and web3. Adept at end-to-end Linux/Mac support, endpoint security, asset management in remote setups. Strong problem-solving, documentation, and process optimization skills. Passionate about leveraging open-source technologies, MDM, VPN, authentication protocols, and security tools for secure operations. Committed to continuous learning, automation, and open-source contributions for operational excellence.

- ❖ OS: Linux | macOS | Windows11
- ❖ Interests: DevOps | Problem Solving | Open-Source Software | Web3 | Blockchain
- ❖ Tech: Command Line Interface (CLI) | User Access Management | Network Administration | Automation | Web Development | API Testing Python | Java | JavaScript | TypeScript | SQL | Bash | Docker | Google Cloud | AWS | Jenkins | Selenium | Postman

PROFESSIONAL EXPERIENCE

Software Engineer Apprentice | Cisco Systems, Inc., Bengaluru, India

08/2021 - 08/2022

- ❖ Executed over 500 automated tests using Python-based frameworks, reducing workload and enabling senior engineers to focus on planning and releasing.
- ❖ Developed 40+ reusable Python test scripts and added new library files to automate the SAN boot process, improving efficiency and reducing manual efforts.
- ❖ Conducted knowledge transfer sessions, providing guidance and support to 3 new team members, enabling faster onboarding and work initiation.
- ❖ Enhanced network performance, ensured smooth operations through multitasking, proactive monitoring, and issue resolution.

PROJECTS

Ecommerce Website - Clothing

- ❖ Designed and deployed a responsive front-end using React, JavaScript, and CSS for an engaging user interface.
 - ❖ Utilized Firebase for back-end functionalities, eliminating the need for a separate Express server.
 - ❖ Deployed the application on Netlify for seamless hosting and accessibility.
- Technology Used: React, Javascript, Google Firebase

Docker and MongoDB UI App

- ❖ Developed a front-end using HTML, JavaScript, CSS, and a back-end using Node.js and Express.
 - ❖ Utilized MongoDB for data storage and hosted the application in Docker containers.
 - ❖ Leveraged Google Cloud's Container Registry for storing Docker images.
- Technology Used: Docker, Node.js, MongoDB, Google cloud

EDUCATION

❖ Bachelor of Technology in Electronics and Communication Engineering - (First-Class)

08/2016 - 10/2020

Pondicherry University, Pondicherry, India

❖ Certifications :

- Automation Test Engineer - Masters Program (Simplilearn)
- Java Programming (HackerRank)
- Python Certification (Simplilearn)
- Implement and Administering Cisco Solutions (Cisco)