

P.A. SURYA

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Career Objective

I am an enthusiastic MCA student with strong technical skills in shell scripting, and hands-on experience in AWS, Jenkins, and automation testing. I bring a proactive approach to problem-solving and expertise in cloud technologies. Seeking a Cloud Engineer position to leverage my strong technical foundation in shell scripting, AWS, Jenkins, and automation testing to deliver innovative solutions and optimize cloud infrastructure.

Education

Master of Computer Applications (MCA)

KGiSL Institute of Information Management, Coimbatore

2023 - 2025

Bachelor of Commerce (B.Com)

Gobi Arts and Science College, Gobichettipalayam

2020 - 2023

Technical Skills

- **Programming Languages:** Python, Shell scripting, .NET, Java
- **Cloud Platforms:** AWS, Azure
- **DevOps Tools:** Git, Jenkins, Docker
- **Networking:** VPC (Virtual Private Cloud), Route 53, Load Balancers, Security Groups, CDN (CloudFront, Azure CDN)
- **Storage and Databases:** S3 (Simple Storage Service), EBS , RDS

Projects

WhatsApp Automation

- **Description:** Developed a Python-based automation tool using Selenium and WebDriver to interact with WhatsApp Web. Automated tasks such as message scheduling and bulk messaging, enhancing communication efficiency. Implemented features for handling contacts, customized messages, and robust error handling.
- **Technologies:** Python, Selenium, WebDriver
- **Project Type:** Individual project
- **Time Duration:** 1.5 months
- **Achievements:**
 - Streamlined communication by automating repetitive messaging tasks.
 - Enhanced productivity through bulk messaging and scheduling features.
 - Improved tool reliability with advanced error handling mechanisms.
- **Link:** GitHub Repository

Automated Deployment and Testing Pipeline

- Description: Developed a CI/CD pipeline using Jenkins for automated build, testing, and deployment of a web application. Configured Docker for consistent deployment across environments, integrated Selenium for automated testing, and implemented automated Git push functionality to streamline code integration. This setup improved deployment speed, reduced human error, and ensured reliable application releases.
- Technologies: Jenkins, Docker, Git, Selenium, Bash scripting
- Project Type: Individual project
- Time Duration: 2 months
- Achievements:
 - Improved deployment speed by automating the build and release process.
 - Minimized human error with robust automated testing using Selenium.
 - Enhanced release reliability through streamlined code integration and deployment.
- Link: GitHub Repository

Certifications

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| • Certified System Administrator on RedHat Academy | Oct 2023 |
| • Certified AWS Solutions Architect on AWS Academy | Oct 2023 |
| • Distributed Database with Cosmos DB (Coursera) | Nov 2023 |
| • Python For Everybody (Coursera) | Jan 2024 |

Experience

Cashier

Sathy Super Market

2019 - 2020

Managed billing, reporting, and inventory with a focus on process efficiency.

Using spreadsheet tools, enhancing data accuracy and operational workflows.

Demonstrated strong analytical and problem-solving skills by identifying and resolving discrepancies in inventory records.

Improved team coordination and time management through streamlined task delegation and reporting.

Languages

- Tamil (Native)
- English (Intermediate)
- Kannada (Intermediate)