

Hariharan

Software Engineer

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PROFILE SUMMARY

Dedicated DevOps Engineer with a strong background in automation and a passion for streamlining software delivery processes. Proficient in Azure DevOps, CI/CD pipeline design, and deployment workflow optimization. Skilled in enhancing efficiency, reducing manual tasks, and driving continuous improvement. Experienced in fostering collaboration between development and operations teams to deliver high-quality software.

EDUCATION

Bachelor in Computer Application (Specification of DevOps and Automation)	Sep 2021 - May 2024
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SKILLS

• Automation	• DevOps	• Kubernetes
• Networking	• Cloud Services	• Azure DevOps
• Docker	• TestNG	• Shell Scripting
• Terraform	• CI/CD	• Manual Testing
• Selenium	• IaaS, PaaS, IAC	• SDLC
• Cucumber	• Troubleshoot Issue	• Agile, Waterfall

TECHNICAL SKILLS

Languages: Python, Java, Java Script, HTML, CSS, SQL
Operating System: Windows, MacOS, Linux
Technologies: PyCharm, Eclipse, VsCode, Swagger, Git, GitLab, GitHub, AWS EC2, AWS S3, AWS Lambda, AWS Lex, AWS IAM, AWS CloudWatch

WORK EXPERIENCE

Trainee System Engineer PCS Global Pvt Ltd, Bangalore	July 2024 - Present
Junior Software Engineer Third Ain Smart Infotech, Chennai	Apr 2024 – June 2024
• Developed a web application using Azure services and tested CI/CD pipelines, ensuring efficient deployment and integration processes.	
• Created and maintained documentation for automated systems and processes.	

LANGUAGES

- Tamil
 - English
 - Hindi
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CERTIFICATES

- AWS Cloud Practitioner Essentials.
 - Associate Oracle Cloud Infrastructure.
 - Microsoft AZ-400 work with Git for enterprise DevOps.
 - PMI Working with Waterfall.
 - PMI Working with Agile.
 - Azure Fundamentals.
 - Jenkins.
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PROJECTS

Web Application for Chatbot:

- Developed chatbots using **Amazon Lex** to automate software build, test, and deploy processes.
- Integrated **AWS Lambda** (Python) for backend logic, automating CI/CD tasks.
- Managed secure access with **IAM** roles and policies for resource control.
- Monitored and logged system performance using **CloudWatch**, ensuring real-time alerts and insights.
- Automated end-to-end software development processes, improving efficiency and reducing manual tasks.

Steganography:

We proposed a novel steganographic approach to secure medical communication.

Agriculture Chatbot:

Minimal level of support for farmers is provided with helpful information by an agriculture chatbot.

Plant Disease Detection:

Disease Detection system developed by using CNN Algorithms.
