

ATHITHYAN V

Aspiring AWS Cloud and DevOps Engineer with hands-on experience in Software Testing

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SUMMARY

AWS Cloud & DevOps Enthusiast | CI/CD Pipelines | QA Testing

Innovative AWS Cloud & DevOps Enthusiast with hands-on experience in provisioning and managing scalable cloud environments. Passionate about automating workflows, optimizing cloud operations, and streamlining deployments using Infrastructure as Code (IaC) and CI/CD pipelines.

Currently transitioning into a DevOps role and gaining experience in Manual and Automation Testing, including tools like Selenium and PyTest for validating application functionality and performance. Adept at bridging the gap between development and operations, ensuring seamless integration, rapid delivery, and high-performance cloud-native solutions.

Eager to apply my skills in real-world cloud and DevOps projects, driving deployment efficiency, automation, and software reliability.

EDUCATION

B.Tech(IT)

Karpagam College of Engineering

08/2022 05/2026 Coimbatore 7.09/10

HSC

Vivekananda Matric Hr Sec School

06/2020 05/2022 Namakkal 405/600

SSLC

Vivekananda Matric Hr Sec School

06/2018 05/2020 Namakkal 432/500

FIND ME ONLINE

LinkedIn GitHub Credly Portfolio

TECHNICAL SKILLS

Web Development & Languages:

- JavaScript, PHP, HTML5, CSS3, Python, Bash, Java, C.

Databases & Storage:

- MySQL, MongoDB, DynamoDB, Firebase.

DevOps & Cloud:

- AWS (EC2, S3, IAM, SNS, Lambda, EBS, App Runner), Docker, Jenkins, Kubernetes, Terraform, Boto3, GitHub Actions.

CI/CD & IaC:

- Jenkins, GitHub Actions, Terraform, Bash Scripting, Python Scripting.

Automation & Testing:

- Selenium, PyTest, Allure, JMeter, Postman, Manual Testing, Automation Testing.

Monitoring & Notification:

- CloudWatch, Prometheus, Grafana, SNS, EventBridge.

Tools & Platforms:

- Git, GitHub, Apache, Nginx, Flutter Flow, Ubuntu, Linux, Windows

CERTIFICATIONS

GitHub Foundations Certificate – Issued by GitHub, covering Git basics, repositories, branches, and collaboration.

NPTEL – Human-Computer Interaction – Completed with 79% – Awarded Elite + Silver Badge.

Won 2nd Prize – National Level Hackathon at Erode Sengunthar Engineering College.

AWS Cloud Practitioner Essentials – Completed August 2025, issued by AWS Training & Certification.

PROJECTS

AutoTestHub – Selenium-Based Automation Testing Scripts

07/2025

A Selenium + Python automation testing framework for web applications with structured test cases, automated browser interaction, and detailed reporting using Allure

[Automation Testing](#)

Jenkins Pipeline Node.js Web App

04/2025

A simple Node.js + Express web application containerized using Docker and ready for CI/CD automation with Jenkins Pipelines.

[Jenkins Pipeline Node.js Web App](#)

React Portfolio App on Minikube

04/2025

A simple React portfolio application deployed on a local Kubernetes cluster using Minikube and Docker, demonstrating containerization and orchestration skills.

[React Portfolio App on Minikube](#)

StaticWeb-GitHubDeploy

03/2025

A simple static website deployed using GitHub Pages, showcasing basic HTML, CSS, and JavaScript structure with version control using Git.

[Static Website Deployment](#)

AWS S3 File Upload with SNS

03/2025

A web app hosted on AWS EC2 (Apache) that allows users to upload files to an S3 bucket and sends an SNS email notification with the file name.

[S3 File Upload with SNS Notification](#)