

CAYSUS DILAN RODRIGUES

[Portfolio](#) | [Linkedin Profile](#) | [GitHub Profile](#)

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Results-driven **Cloud & DevOps Enthusiast** with hands-on experience in **AWS, GCP, Kubernetes, and CI/CD pipelines**. Proven ability to automate deployments, optimize cloud infrastructure, and deliver scalable solutions. **Certified in AWS Cloud Practitioner and Google Associate Cloud Engineer**, with a passion for innovation and continuous learning.

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## Professional Experience

- **DevOps Intern at Niveus Solutions** - April 2025 – July 2025.
  - **Research Intern at St Joseph Engineering College** - November 2024 - December 2024.
  - **Cloud computing intern at Pinnacle Labs** - September 2024 - October 2024.
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## Technical Skills

- **Cloud Computing:** AWS (EC2, S3,VPC, Route 53,EKS), Google Cloud (GCP)
  - **DevOps Tools:** Kubernetes, Docker, Terraform, GitHub Actions, CI/CD.
  - **Version Control:** Git, GitHub.
  - **Other Skills:** Networking, Research, OpenCV, AutoML.
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## PROJECTS

- **Kubernetes MongoDB webApp deployment.** [link](#)
  - **Terraform & Kubernetes Portfolio with GitHub Actions CI/CD.** [link](#)
  - **AWS EC2 Remote Web Application Hosting.** [link](#)
  - **Implemented a static website using AWS S3 for efficient and scalable content hosting.** [link](#)
  - **Hosted a static website on AWS using Amazon S3 and Route 53.** [link](#)
  - **Hand Gesture Volume Control System** : A Python application that allows usersto control their system's volume using hand gestures using OpenCV2,Mediapipe,PyautoGUI. [link](#)
  - **Advancements in Automatic Number Plate Detection System** :A web based application for college on the topic of advancements in number plate detection systems using Machine learning model. A ML model for OCR and object detection in google cloud and vertex ai AutoML. [link](#)
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## EDUCATION

- **Master of Computer Application** | St Joseph Engineering College, Mangaluru.
  - **Bachelor of Computer Application** | St. Aloysius College Autonomous, Mangaluru.
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## CERTIFICATES AND ACHIEVEMENTS

- **Google Associate Cloud Engineer (2025–2028).**
  - **AWS Certified Cloud Practitioner CLF-CO2 2025** by Udemy.
  - **Cloud Service Providers** by Great Learning.
  - **Introduction to NoSQL Databases** by Coursera.
  - **Introduction to Git and GitHub** by Coursera.
  - **Research paper on Innovative Methods of Teaching And Learning For Education.** (2024).
  - **Participated and presented a research paper titled Advancements in Automatic Number Plate Detection Models in National Level Conference** - Collaborating Disciplines Through Interdisciplinary Research.(2023)
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