

# Mathias José Calderón Vásquez

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Systems Engineering student specializing in Cloud Computing and DevOps fundamentals, with hands-on academic and personal experience in cloud infrastructure, containerization, CI/CD pipelines, and backend development. I am skilled in working with modern cloud platforms such as AWS and Google Cloud deploying applications using Docker and managing code through Git-based workflows. Highly motivated to start a career as a Cloud Engineer Intern or Junior, with a strong ability to learn quickly and adapt to new technologies.

## Projects & Academic Experience

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### Cloud & DevOps Academic Projects

- Containerized backend and web applications using Docker, simulating cloud deployments.
- Designed and tested basic CI/CD workflows, integrating code versioning, automated builds, and deployments.
- Practiced deploying and configuring applications using cloud provider services in academic environments.

### Email Phishing Detector (AI Project)

- Developed a Python-based machine learning application for phishing detection using NLP techniques.
- Deployed the project as a Flask web application, preparing it for cloud-based hosting.
- Managed project lifecycle using Git and GitHub, applying best practices in version control.

## Skills & Certifications

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Certifications in “**AWS Cloud Practitioner Essentials**”, “**Amazon CloudWatch Getting Started**” and “**IBM - Cloud Computing Fundamentals**”.

Containerization: Docker, Kubernetes, Jenkins, DevOps frameworks and automation concepts.

Programming: Python, Javascript, HTML, CSS, Node.js, SQL, MongoDB, Git, GitHub, VSC

Soft Skills: Problem solving and analytical thinking - Strong learning ability and adaptability - Teamwork and collaboration - Clear verbal and written communication - Planning and task prioritization

## Education

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### Universidad Latina de Costa Rica

Bachelor's Degree in Systems Engineering (In Progress)

### Other Skills

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- English C1 (Fluent)
- Spanish Native