

# Ian Gabriel Ramos Villafane

Software Engineering Student | Software Engineering Intern

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github.com/Apolo-Inventions/ianramosportfolio

## EDUCATION

### University of Puerto Rico at Mayaguez

Bachelor of Software Engineering | Expected Graduation: December 2026 | GPA: 3.5

## EXPERIENCE

### YouTube | Software Engineering Intern | May 2025 - Aug 2025

- Built a scalable UI component for mid-feed query refinement and filtering in YouTube Search.
- Reused existing systems and collaborated across teams to support future experimentation.

### Google Cloud | Software Engineering Intern | May 2024 - Aug 2024

- Worked on secure DNS and encrypted communication for air-gapped cloud environments.
- Enhanced Kubernetes Cluster DNS API support for TLS-based communication.

### YouTube | Software Engineering Intern | May 2023 - Aug 2023

- Built and launched a specialized search interface in YouTube Studio for Primetime workflows.
- Owned feature design, implementation, reviews, internal launch, and Bug Bash coordination.

## SELECTED PROJECTS

### Clickea

- iOS appointment management app for service businesses built with Swift and Supabase.

### Akii / Captura

- Intentional photo-sharing iOS product with auth, feed architecture, uploads, and backend integration.

### Apolo Inventions

- Founder-led web development work for practical digital presence and maintainable client delivery.

## SKILLS

TypeScript, Swift, SwiftUI, React, Supabase, Kubernetes, CoreDNS, TLS, cloud infrastructure