

Ricardo Hernandez

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SKILLS:

Programming Languages & Technologies: Java, C++ (familiar), JavaScript/TypeScript, Python, React, Next.js, HTML, CSS/Sass, Adobe Experience Manager (AEM),

Databases & Data Formats: PostgreSQL, MongoDB, JSON, Couchbase, SQL

Development Practices: OOP, Unit Testing (JUnit, Jest), Agile, Pair Programming, UI Development

Tools & Platforms: Jenkins, Ansible (familiar), Git, Docker, AWS CloudWatch, Selenium (familiar)

Operating Systems: Linux, Windows, Mac

Certifications: AWS Certified Solutions Architect – Associate (2023-2026)

WORK EXPERIENCE:

Associate Software Development Engineer | **Publicis Sapient** | Arlington, VA (Remote) July 2021 - August 2023

- Resolved ServiceNow tickets by querying AWS CloudWatch Logs to identify root causes of microservices-based Java backend defects in the hotel reservations, implementing targeted code fixes to ensure system stability.
- Transformed legacy AEM components into modular React components using Next.js, improving code maintainability and performance while writing testable, efficient code that adhered to engineering best practices.
- Engineered reusable AEM components using HTML/SCSS/Typescript for Marriott's high-traffic homepage, enabling customization and resolving frontend issues alongside a cross-functional team.
- Resolved backend and frontend defects for the Ritz-Carlton maintenance site, ensuring stable deployments through coding standards and comprehensive testing.

IT Analyst Intern | **Hispanic Association of Colleges & Universities (HACU)** | Remote June 2020 - December 2020

- Assisted the IT Business Continuity and Disaster Recovery (BCDR) Officer in drafting policy, technical guidance, and planning documents, driving continuous maturity for the BCDR program.
- Improved IT Disaster Recovery efficiency by using Confluence for detailed record-keeping, and documentation.
- Ensured Standard Operating Procedures (SOPs) remained accurate and up to date, proactively communicating necessary changes to cross-functional teams, maintaining accurate contacts, and supporting compliance efforts.

PROJECTS:

Automatic Plant Waterer Troubleshooting & Optimization | **Gettysburg College** | Gettysburg, PA July 2024 - August 2024

- Refactored a decade-old Arduino C++ codebase, enhancing performance, reliability, and documentation.
- Integrated a load cell sensor for accurate water level measurement and user feedback via LED.
- Designed and 3D-printed enclosures for the water pitcher and Arduino, ensuring organized and secure electronics.

RELEVANT EXPERIENCE:

Seminararian | **Diocese of Harrisburg** | Saint Charles Borromeo Seminary, Philadelphia, PA August 2023 - June 2024

- Taught 7th-grade religious education and assisted 2nd-grade classes as part of my weekly apostolate while supervising after-school activities at Immaculate Heart of Mary School, Philadelphia, PA.
- During my 30-day poverty immersion trip, reorganized the storage room at St. John Bosco Parish, Port Chester, NY, for improved efficiency and assisted in counting the weekly collections and donations while serving meals and tutoring underprivileged youth at Don Bosco Center.
- Participated in a year-long discernment program focused on exploring the priesthood through spiritual formation.

EDUCATION:

Bachelor of Science (B.S.), Computer Science

Minors in Mathematics and Spanish | GPA: 3.41

Gettysburg College, Gettysburg, PA | 2021

Honors: STEM Scholar Recipient, Hispanic Scholarship Fund Scholar