Kevin Ayala

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Skills

- **Python** | **Java** | JavaScript | **Angular** | **Mockito** | C# | **SQL** | **Node.js** | **Express.js** | **React** | **Vue** | **CSS** | jQuery | **HTML** | Git | **J-Unit** | Go
- Azure | GAI | CI/CD | **AWS** | **Selenium** | **Unit Testing** | Lambda **Jenkins** | PowerShell | **RESTful APIs** | **GitOps |** ML | **Data Modeling**
- **Cloud Technologies** | Microservices | Distributed Systems | Agile | **Full-Stack** | **Documentation** | **ITSM** | OOP | English | Spanish

Experience

Software Engineer	**State Farm**	*Tempe, AZ*	**01/2022 - Present**

- Led design and development of multiple enterprise-level microservices using the latest technologies of **AWS, Python,** and **Aurora** decreasing technical debt by 75%.
- Designed and implemented scalable APIs and background workers for managing multi-state legal documentation using **Java, Azure Functions**, and other **Azure cloud technologies** that serve millions of license requests daily.
- Led the development of several products E2E, from identifying system requirements and partner dependencies to workload balancing, software implementation, engineering, testing, and configuring metrics, alarms, monitors, and dashboards.
- Collaborated with business partners to design and implement conceptual, logical, and physical relational data models decreasing time to production by 80%.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing.

Software Developer	**State Farm**	*Tempe, AZ*	**05/2019 – 01/2022**

- Implemented enterprise applications of State Farm's electronic signing platform using **Java, React**, **AngularJS**, and PostgreSQL.
- Designed and developed systems facilitating agents to perform various business tasks increasing business by 65%.
- Enriched system metrics by integrating the platforms with telemetry; facilitated in-depth logging by correlating APIs with vector contexts.
- Automated e-signature platforms' user-experience testing process by integrating Selenium decreasing time-to-production by 45%
- Developed and supported front-end/back-end web applications with an agile/DevOps mindset using industry leading coding practices.

Technical Support Specialist	**State Farm**	*Tempe, AZ*	**05/2018 – 05/2019**

- Optimized equipment returns processes by decreasing peripheral waste and equipment expenditures by 75%.
- Provided technical support for the Information Technology area and performed team/product administrative work including generating reports, allocating resources, and onboarding/offboarding individuals.
- Led cross-site initiatives to support administrative services increasing department productivity by 80%.

Participant, Hackathon	**Google**	*United States*	**01/2024 - 02/2024**

- **Effimap:** AI application utilizing Googles' map platform (Python, ML, API).

Participant, Hackathon	**Microsoft**	*United States*	**004/2024 - 5/2024**

- **ReciP:** Multimodal application helping users create recipes based on image recognition (Azure, Python).

Education

Associates In Science	**Mesa Community College**	*Mesa, AZ*	**08/2023 – 12/2025**

- Focus on Computer Science & Artificial Intelligence/ Machine Learning

Bachelors of Science	**Arizona State University**	*Tempe, AZ*	**08/2023 – 12/2026**

- Double major in Computer Science – Cybersecurity and Mechanical Engineering

Masters in Computer Science	**Arizona State University**	*Tempe, AZ*	**08/2023 – 12/2027**

- Master's in Computer Science - Cybersecurity

Projects

- **LESSTRIPS:** Creator of a AI travel application (Python, React, Android, iOS). **(01/2024)**
- **CREDLOOTER:** Designed and developed a Git plugin to scan credentials in enterprise repositories (Regex, Kubernetes). **(03/2024)**

Mentorship

- **CodeDay:** Mentor responsible for technical mentoring and providing career advice to SWE students **(01/2021 - present)**

Certifications

- **Security:** OSCP
- **Data**: Microsoft PowerBI
- **Architecture:** CPSA
- **Cloud**: AWS Cloud Practitioner, Developer, and Solutions Architect