

KEVIN ARELLANO

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EXPERIENCE

Software Engineer / Architect

Nationwide Marketing Group – July 2023 - Present

- **Centerpoint Ownership:** Led the transformation of Centerpoint into a serverless microservice architecture, enhancing scalability and operational efficiency.
- **Issue Resolution:** Resolved critical issues for Centerpoint, ensuring high uptime and stability.
- **Data-Driven Decisions:** Integrated reporting, alerting, and analytics for enhanced decision-making capabilities.
- **Technical Leadership:** Directed software design, stakeholder management, and prioritized order/inventory operations.
- **Workflow Compliance:** Migrated processes to ensure PCI compliance, ensuring secure and reliable systems.
- **Automation:** Automated OAuth, token management, and data ingestion processes.
- **Optimization:** Improved a resource-heavy process, reducing execution time from 14 hours to 45 minutes (94.64% improvement in time and resources).

Software Engineer / Architect

eHawk – Jan 2022 - July 2023

- **AI/ML Development:** Developed and deployed AI/ML models and biometric software for Android platforms.
- **CI/CD Architecture:** Architected CI/CD pipelines on AWS, implemented Kotlin and Python unit/integration tests.
- **Big Data Analytics:** Designed analytics workflows using DynamoDB, AWS Lambdas (Go/Python), and AWS Step Functions.
- **Automation:** Automated SQL imports with bash scripts and implemented microservices with MongoDB, MySQL, and PHP.
- **Documentation Management:** Implemented GitHub workflows for backing up and updating Notion documentation structures.

Software Engineer

Comcast – Jul 2021 - Jan 2022

- **API Architecture:** Architected REST APIs for Big Data analytics, supporting a \$236+ billion company.
- **Real-Time Monitoring:** Developed real-time monitoring systems using ElasticSearch, Lucene, and Kibana.
- **Application Deployment:** Led the deployment of XEP/XRM AngularJS applications, utilizing Ruby on Rails as middleware.
- **Automation:** Automated testing and web scraping using Python (Selenium, BeautifulSoup) and Node.js (Puppeteer).
- **Monitoring Integration:** Integrated CatchPoint synthetic monitoring for system performance.
- **Agile Leadership:** Actively contributed to Scrum and Kanban methodologies within Agile teams.

Software Developer

PBD Worldwide – Nov 2015 - Jul 2021

- **Code Refactoring:** Led refactoring of .NET backend code for the ConnectShip Shipping Application, improving performance.
- **Automation:** Engineered order automation in VB.NET, reducing processing time by 90%.
- **Azure Migration:** Managed XML email template migration to Azure and led QuickBase app development.
- **Windows Administration:** Configured Windows Admin settings for new hires and integrated SmartReports into operations.

TECHNICAL SKILLS

Frontend: React.js, Ruby, Kotlin

Frameworks: Next.js, Ruby on Rails, .NET

Backend: TypeScript, Node.js, Python, C#

Technologies: AWS, GCP, Docker, Terraform, GraphQL, SQL (PostgreSQL, DynamoDB, MongoDB)

Miscellaneous: Agile, Scrum

EDUCATION

ITT Technical Institute

Computer Programming / Software Development | *Jun 2012 - Jul 2014* | GPA: 3.8

CERTIFICATIONS & WORKSHOPS

- **Netflix Clone with GraphQL Workshop** – *DataStax* – *Mar 23, 2023*
 - **ConnectShip Prologistics Technology Engineer (CPTE)** – 2018
 - **Certificate of Maqetta** – GPA: 3.8
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ACHIEVEMENTS

- Reduced execution time for resource-intensive processes by 94.64%.
 - Spearheaded the automation and optimization of critical business processes across multiple companies.
 - Led PCI compliance initiatives, ensuring secure workflow standards.
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SUMMARY

Experienced Software Engineer and Architect with expertise in cloud infrastructure, microservice architecture, Big Data, and process automation. Proven track record in leading high-impact projects, optimizing system performance, and driving innovation. Skilled in front-end, back-end, and DevOps technologies with a focus on building scalable, secure, and efficient systems.