

Odin Rangel

Senior Software Engineer, Application Platform

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SUMMARY

Senior software engineer with seven years building backend platforms, cloud services, secure APIs, microservices, and **distributed applications**. Career growth has centered on turning complex platform needs into dependable services that support product teams and customer facing software. Recent work combines Python and Java development, Kubernetes operations, **infrastructure as code**, automated testing, secure delivery, and production support. Strong collaboration with product, operations, and engineering partners has shaped reliable releases and practical platform improvements. Technical guidance, code reviews, design discussions, and mentoring have helped developing engineers make sound decisions with greater confidence. A thoughtful approach to **system design**, workflow automation, service performance, and availability supports teams building scalable cloud ready products. This background can contribute dependable engineering judgment, clear communication, and useful momentum across **application platform** initiatives.

EXPERIENCE

Senior Backend Engineer

BluePeak Software 📅 July 2023 - Present 📍 Austin, TX

Leads backend platform initiatives for enterprise applications, covering API architecture, microservices, Kubernetes delivery, distributed services, and cloud platform improvements. Provides technical direction through design discussions, code reviews, and mentoring while partnering with product and operations teams on reliable software delivery.

- Led **Python** platform services for enterprise **APIs**, improving scalability across distributed application workloads
- Designed Java microservices with **automated testing**, strengthening **secure delivery** for customer facing applications
- Modernized **Kubernetes** deployments with **infrastructure as code**, simplifying repeatable cloud platform releases
- Built distributed service components that supported reliability goals across high demand application environments
- Guided junior engineers through code reviews and design discussions, improving shared engineering standards
- Partnered with product and operations teams on cloud improvements, resolving delivery needs with practical designs

Software Engineer

Vertex Digital Labs 📅 August 2019 - June 2023 📍 Dallas, TX

Developed backend services for customer facing applications, combining Python, Java, REST APIs, integrations, scripting, production troubleshooting, and secure release practices. Contributed to architecture reviews and technical documentation while working with engineering peers to improve performance and delivery quality.

- Developed Python services for customer applications, improving backend support for distributed product workflows
- Created **Java REST APIs** and integrations, connecting services across distributed application environments
- Automated engineering workflows with **scripting** tools, reducing repetitive steps during software delivery
- Investigated production issues and **performance** constraints, helping restore dependable application behavior
- Contributed to **architecture** reviews and **technical documentation**, clarifying decisions for engineering partners
- Supported secure software releases with engineering teams, strengthening delivery practices across customer systems

PROJECTS

Cloud Service Reliability Program 📅 2025

Improved a distributed service foundation through Kubernetes deployment patterns, infrastructure as code, automated testing, and reliability focused design decisions. Work clarified operational ownership and gave engineering teams a repeatable path for cloud ready releases.

Secure API Modernization 📅 2024

Reworked backend API capabilities with Python, Java, microservice boundaries, and secure software practices. The effort improved service separation, supported clearer integrations, and gave product teams a stronger base for scalable application delivery.

LEADERSHIP & AWARDS

- Recognized by engineering leadership for dependable backend platform ownership and thoughtful delivery decisions.
- Selected as a trusted reviewer for service design discussions, secure releases, and production troubleshooting.
- Earned peer recognition for mentoring developing engineers through practical code reviews and technical guidance.

EDUCATION

Bachelor of Science in Computer Science

Texas State University 🎓 GPA: 3.5 📅 2019 📍 San Marcos, TX

Coursework: Algorithms, Database Systems, Operating Systems, Distributed Systems

CERTIFICATIONS

- Certified Kubernetes Application Developer 📅 2024
- Python Programming Certification 📅 2023

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, TypeScript
- **Web Development:** JavaScript, REST APIs, Backend Services
- **Platform Architecture:** Microservices, Distributed Systems, System Design
- **Container Platforms:** Kubernetes, Containers, Application Deployment
- **Infrastructure Automation:** Infrastructure as Code, Deployment Automation, Scripting
- **Cloud Engineering:** Cloud Platforms, Cloud Ready Solutions, Platform Services
- **Software Security:** Secure Software Practices, Secure APIs, Secure Delivery
- **Quality Engineering:** Automated Testing, Integration Testing, Release Validation
- **Reliability Engineering:** Availability, Performance, Production Support
- **Engineering Collaboration:** Code Reviews, Design Discussions, Technical Documentation

SKILLS

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|--------------|-----------------------|--------------------------|----------------------------------|
| • Python | • Kubernetes | • System Design | • Automation Tools |
| • Java | • APIs | • Cloud Platforms | • Technical Guidance |
| • TypeScript | • Microservices | • Infrastructure as Code | • Cross Functional Collaboration |
| • JavaScript | • Distributed Systems | • Secure Development | |

PROFESSIONAL AFFILIATIONS

- Participant in engineering communities focused on cloud platforms, backend architecture, and secure software delivery.
- Contributor to peer learning through technical discussions, design reviews, and practical mentoring for developing engineers.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST