

# Alejandro Guzman

Software Engineer • Atlanta, GA

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## WORK EXPERIENCE

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### SAP Concur

Atlanta, GA

Senior Software Engineer

Nov 2019 – Present

- Built and maintained 12 microservices in Go, Java (Spring) & Kotlin, generating millions in revenue per year
- Designed and programmed utility scripts in Python that support monthly GDPR requests and 3 cron jobs
- Assembled and optimized automation to deploy distributed applications to Kubernetes using Helm & Jenkins
- Led cross-datacenter service & data migration to AWS and FIPS initiatives contributing to secured contracts
- Supported high availability of production services by integrating observability, alerting, & on-call PagerDuty
- Conducted interviews, performed code reviews, pair-programmed and guided interns & junior engineers

### CollabNet (acquired by Digital.ai)

Atlanta, GA

Infrastructure Engineer

May 2019 – Oct 2019

- Maintained and optimized infrastructure for flagship project management & automation cloud solution
- Deployed and operated Kubernetes cluster in AWS using Kops, Terraform, and Git driven automation
- Effectively worked independently and with remote teams to determine priority and implement infrastructure changes that provided reliability, security, and predictability

Software Engineer

Jul 2017 – May 2019

- Successfully developed and integrated systems including Python backend API and flagship project management & automation cloud solution to provide core automation functionality
- Coded JWT support in Python backend API, numerous Python APIs, worker tasks, and [NPM package for generating complex automation pipeline objects](#)
- Driving force behind introducing & integrating containerized Python application (originated as [side project](#))
- Introduced new & improved approach to provisioning test & demo environments for value stream orchestration solution using Docker, Packer, Terraform, Vagrant, and AWS that provides faster time-to-value for users & customers

### VersionOne (acquired by CollabNet)

Alpharetta, GA

Software Engineer

May 2016 – Jul 2017

- Created Python APIs and integrations, wrote NoSQL queries for MongoDB, and developed core pieces of metrics & analytics and progression view in React/Redux & jQuery
- Collaborated with project managers and senior architects to gather requirements & effectively worked independently and by pair-programming to fix numerous defects across the Python and React/Redux stack
- Assisted customers with setup & configuration on-prem and attended on-site value stream mapping sessions to better understand & support customer use cases

### DevelAppMe, LLC

Lawrenceville, GA

Mobile Developer Intern

Jan 2016 – Apr 2016

- Successfully completed Android & iOS boot camp and researched & composed over 65 pages of documentation to facilitate future mobile developer interns

## EDUCATION

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### Georgia Gwinnett College (GGC)

Lawrenceville, GA

B.S. Information Technology, Software Development

GPA 3.88/4

**Honors & Awards:** Graduated magna cum laude, 1<sup>st</sup> place in Database Design at 2016 National Collegiate Conference (NCC)

## SKILLS

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**Languages:** Python, Go (Golang), Java, SQL, JavaScript, HTML, CSS

**Tools & Technologies:** Git, Docker, Kubernetes, Helm, AWS, Jenkins, Terraform, Vault, JIRA

**Practices:** Pair-programming, Scrum, Kanban, SOLID