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Courtney Glosser - Software Architect

Key Qualifications

- Over 20 years experience developing software
- Experienced with architecting, optimizing, and creating and using ORMs for Databases (both relational and no-SQL)
- Experience with large-scale ETL technology (NiFi, Kafka, Spark)
- Experience with ETL monitoring and visualization tools (Prometheus, Grafana, ELK-stack and Splunk)
- Fluent in containerized technology including Kubernetes hosted solutions on secure cloud platform
- Lead multiple projects of varying sizes from initial stakeholder sale to enterprise production deployment
- Comfortable with DevOps tooling (Jenkins, Github / Gitlab, Helm Charts, etc.)
- AWS and Azure cloud experience and certification
- Proven track record of onboarding to emergent technology
- Fully adjudicated TS/SCI with CI Poly

Experience

Mission Technology Group

March 2022 - Present

- Lead multiple engineering teams, managing web applications deployed in varied environments.
- Partner with business and product leadership to define roadmaps, timelines, and delivery strategies aligned with customer and stakeholder objectives.
- Drove the shift from monolithic systems to microservice architecture, leveraging cloud, automatically provisioned VMs, and containerized CI/CD deployments.
- Champion Agile development practices, facilitating sprint planning, retrospectives, and reviews
- Cultivate a culture of innovation and technical ownership, mentoring engineers and first-line managers to grow their capabilities.
- Guide technical architecture decisions including modernization of legacy systems, adoption of serverless patterns, and integration of artificial intelligence services.
- Foster collaboration across engineering, business development, and leadership to align delivery with market expectations.

Booz Allen Hamilton

June 2014 - March 2022

- Promoted to Sr. Manager role, leading multiple teams of developers
- Served as enterprise architect in transitioning prototype services to enterprise maturation
- Provided regular client demonstrations on progress and to sell of contractual feature requirements
- Drove architectural discussions around enhancing and simplifying the data platform ecosystem
- Provided guidance and mentorship to team developers and team managers
- Responsible for refactoring large procedural Python code-base and retrofitting automated testing
- Maintained an enhanced Apache Kafka clusters across multiple clusters

- Developed AWS serverless architecture with Python, Node.JS, and Angular
- Developed Apache NiFi workflows to process large datasets (including writing custom Java NARs)
- Developed, maintained and matured multiple containerized services in Kubernetes using Helm Charts and transitioning to ArgoCD continuous deployment
- Coordinated with product owner to plan multiple team Agile Sprint schedules
- Regularly conducted common Sprint ceremonies
- Worked full stack development using Node.js, Angular, JavaScript, HTML, and CSS
- Won multiple awards both from the client organization and Booz Allen internal leadership

Genesys Labs

November 2012 - June 2014

- Project Manager overseeing largest client accounts for the Cloud services offering
- Promoted to manager of the project management team
- Responsible for managing over 80 IVR applications, and leading a team of international developers

Booz Allen Hamilton

March 2010 - November 2012

- Provided full-stack web application development services
- Acted as individual POC for clients from first client meeting through requirements gathering, project management, software development, delivery, and support

VIP Communications

July 2008 - March 2010

- Responsible for web application development helping manage call center schedule planning

Zincastle Software Systems \ August 2004 - March 2010

- Developed and maintained small business partnerships to drive business development
- Served in various leadership roles in local business development groups
- Responsible for proposals and small business sales
- Management multiple client projects in parallel
- Responsible for full-stack software development

Education

Roanoke College - Bachelor's degree in Computer Science

Microsoft Certified: Azure Fundamentals Active October 19, 2023

Security + - Active September 2019 - September 2025

AWS Solutions Architect - Associate - Active July 2018 - July 2020

Certified Scrum Master - Active May 2012