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Courtney Glosser - Director of Software Engineering - TS/SCI - CI Poly

Qualifications

- Technical Polyglot - Over 20 years experience developing software in multiple programming languages:
 - Python - 10 years
 - Javascript - 10 years (NodeJS, Angular, VueJS)
 - C++ - 5 years
 - Java - 2 years
 - PHP - 10 years
- Cloud Technologies - Over 5 years experience working in AWS and MS Azure cloud environments:
 - Managed enterprise level serverless architecture in AWS delivering cross-VPC services at scale
 - Obtained AWS Solutions Architect (associate) and Azure Fundamentals certifications
- Open Source Frameworks - Over 15 years of leveraging open source frameworks in all tiers of full stack web development:
 - Currently, Python Django framework
 - Previously, Angular, VueJS, MEAN-stack, Drupal, CakePHP, CodeIgniter
- Data technologies - Comfortable with data in all forms:
 - Multiple open source RDBMSes (MySQL / MariaDB, Postgres)
 - No-SQL database technologies (Mongo, AWS DynamoDB, etc.)
 - Graph and triple data store technologies (GraphQL, SPARQL)
 - Data pipelines and ETL flows (Kafka, NiFi, etc.)
- Manager - Over 10 years of project and personnel management
 - Worked as a project manager, then promoted to lead the project management team
 - Lead small teams with heavy technical focus and large teams with broader strategic focus
 - Lead team of managers delivering a large-scale data lake application responsible for over 45 employees
- Agile - 15 years of agile methodology experience - Certified Scrum Master
- Fully adjudicated TS/SCI with CI Poly

Experience

Mission Technology Group

March 2022 - Present

- Lead multiple engineering teams, driving full-stack web application products 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 cross-team alignment.
- 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
- Provided guidance and mentorship to new 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 2028

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

Certified Scrum Master - Active May 2012