courtneyglosser@gmail.com | 540.819.2010

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

## Qualifications

- Development Experience - Over 20 years experience:
    - 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 services at scale
    - Obtained AWS Solutions Architect (associate) and Azure Fundamentals certifications
- Open Source Frameworks - Over 15 years of leveraging open source frameworks:
    - Currently, Python Django framework
    - Previously, Angular, VueJS, MEAN-stack, Drupal, CakePHP, CodeIgniter
- Data technologies - Comfortable with data management in many 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, 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, autmoatically 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 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 acconts 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

# 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