

ALEXANDER MERCER

Senior Software Engineer · Certified Scrum Master

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Professional Summary

Highly analytical Senior Software Engineer and Certified Scrum Master (CSM) with over 8 years of hands-on experience designing cloud-native distributed architectures and championing high-velocity Agile teams. Expert at aligning technical execution with strategic product goals, facilitating continuous improvement through structured Scrum ceremonies, and driving modern DevOps transitions. Adept at building scalable APIs, managing infrastructure-as-code, and eliminating cross-functional delivery roadblocks.

Core Competencies

Agile Leadership:	Scrum Mastery, Sprint Planning, Kanban, Agile Coaching, Velocity Optimization
Backend Engineering:	Java (Spring Boot), Python (FastAPI), Go, Microservices, RESTful APIs
Cloud & DevOps:	AWS (EC2, Lambda, S3), Docker, Kubernetes, CI/CD Pipelines, Terraform
Data & Tools:	PostgreSQL, Apache Kafka, NoSQL, Git, GitLab Ultimate, Prometheus, Grafana

Professional Experience

Lead Software Engineer & Scrum Master

Jan 2024 – Present

InnovateTech Solutions

San Francisco, CA

- Direct architectural strategy and serve as Scrum Master for an 8-member distributed engineering sprint team, boosting sprint target predictability and delivery velocity by **22%**.
- Architected and executed a zero-downtime containerized migration of legacy enterprise systems into a **Kubernetes/AWS** multi-region infrastructure, upgrading application reliability metrics to **99.95%**.
- Structured operational workflows and team transitions over to **GitLab Ultimate**, generating centralized issue templates, CI/CD pipeline integrations, and granular permission matrices to automate engineering compliance.
- Facilitate critical ceremonies (Daily Standups, Backlog Grooming, Sprint Reviews, Retrospectives) ensuring explicit alignment between stakeholder product metrics and engineering team capacity.

Senior Software Engineer

Aug 2021 – Dec 2023

Apex Digital Systems

Austin, TX

- Developed a high-throughput event streaming data infrastructure using **Apache Kafka and Python**, successfully ingesting and normalizing over **10M daily events** across real-time pipelines.
- Designed and provisioned modular, production-ready cloud environments via **Terraform**, eliminating manual intervention and shortening environment spin-up lifecycles from 3 business days down to minutes.
- Acted as primary technical liaison to cross-functional business stakeholders, resolving design ambiguities during technical grooming and translation of user stories.
- Provided direct career advocacy, technical mentorship, and code review quality control for 5 mid-level and junior software engineers.

Software Engineer

Jun 2018 – Jul 2021

CoreLogic Apps

Seattle, WA

- Built and deployed secure, optimized REST APIs leveraging **Java and Spring Boot** for high-traffic financial tracking services supporting 500k+ active accounts.
- Served as rotational Scrum Master during agile maturity transitions, introducing metrics-driven feedback loops to standard sprint retrospectives.

Certifications

Certified ScrumMaster (CSM) – Scrum Alliance
AWS Certified Solutions Architect – Professional

Professional Scrum Master I (PSM I) – Scrum.org
GitLab Certified Associate

Education

M.S. in Computer Science

State University Graduate School

Expected Dec 2026

Online / Part-Time

B.S. in Computer Science

Tech Engineering University

May 2018

Austin, TX