

William C. Weinberger
Engineering Leader | Cloud & Data Expert | Technical Program Manager
Greater Pittsburgh Region
wcweinberger@gmail.com | 724-366-3205 | <https://www.linkedin.com/in/wcweinberger/>

Summary

Experienced Software Development Leader with a proven track record of building and leading high-performing engineering teams. Expertise in developing cloud-native software solutions, driving innovation in large-scale data systems, and implementing robust DevOps practices. Adept at aligning technical strategies with business objectives to deliver impactful, scalable, and efficient products across healthcare, SaaS, and enterprise platforms. Committed to fostering collaborative teams and translating complex technical challenges into clear business value.

Professional Experience

Compass Group USA (03/2024 - Current)

Senior Technical Lead/Manager

- Actively contributed to backend (Python) and frontend (Angular/TypeScript) codebases, enhancing functionality and performance.
- Designed and implemented CI/CD pipelines using Azure DevOps, significantly improving deployment reliability and speed.
- Developed infrastructure-as-code using AWS CDK with TypeScript, automating cloud provisioning and ensuring infrastructure consistency.
- Led the development and implementation of a serverless Master Data Management platform, mastering over 2.5 million records with automated delta pulls and automated publishing to Snowflake.
- Managed a cross-functional team working on Python (Lambda), Angular/TypeScript, and DevOps, emphasizing best practices and quality delivery.

Idelic (11/2023 – 01/2024)

Engineering Manager (Company RIF in Jan 2024)

- Built and maintained infrastructure-as-code with Terraform, optimizing deployment pipelines, and infrastructure reliability.
- Led Software, DevOps, and QA teams in maintaining and improving the Safety Suite platform.
- Enhanced monitoring and observability efforts using Datadog, increasing system resilience.

Loyal Healthcare (07/2023 – 10/2023)

Engineering Manager (Company RIF in Oct 2024)

- Managed a full-stack engineering team for a healthcare SaaS platform, implementing Kanban workflows for optimized feature delivery.
- Partnered with product leadership to align roadmaps and drive high-impact development.
- Designed career growth frameworks supporting team development and performance.

MURAL (03/2022 – 06/2023)

Engineering Manager – Microsoft Workflows Team

- Led a team of 6 full-stack engineers, contributing significantly to MURAL's Microsoft Partner of the Year recognition.
- Facilitated cross-functional collaboration between Engineering, Product, and Design teams.
- Implemented effective production support rotations and customer feedback loops.

SoftWriters (12/2020 – 03/2022)

Automation Engineering Manager

- Built and scaled a QA, DevOps, and Automation Engineering team, significantly enhancing system reliability.
- Authored Python-based testing frameworks, ensuring robust automated test coverage.
- Developed and managed AWS infrastructure-as-code using Terraform, optimizing infrastructure efficiency.
- Reduced AWS costs by 40% through scheduling and right-sizing servers while significantly improving application performance and functionality through comprehensive load testing programs.

Previous Roles (Condensed)

- **Arcadia** (*Senior Software Engineer in Test, 2019–2020*) – Developed API and E2E test frameworks.
- **MedCPU** (*Senior Quality Engineer, 2016–2019*) – Led Clinical Rules Engine testing and collaborated with NLP teams. Built automation and test scripts in Typescript, Java, and Python.
- **UPMC** (*Software Engineer, 2014–2016*) – Developed payment system software in C# and Java and acted as Scrum Master.
- **Compunetix** (*Software Engineer, Lead Engineer, Web Testing Manager, 2006–2014*) – Contributed significantly across development and testing strategies.

Technical Skills & Expertise

- **Data Engineering & Pipelines:** Snowflake, Glue, Kafka, large-scale data processing, ETL workflows
- **Cloud & DevOps:** AWS (Lambda, API Gateway, ECS, Aurora, S3), Terraform, AWS CDK, Kubernetes, Docker, CI/CD (Azure DevOps, Jenkins, CircleCI)
- **Programming & Frameworks:** Python, TypeScript, Angular, React, Node.js, Java, C#, SQL, MongoDB, Postgres

- **Testing & Automation:** Cypress, JMeter, Locust, Selenium, Supertest, Rest Assured Jest, JUnit
- **Leadership & Agile:** Team building, coaching, SAFe, Scrum, Kanban

Education & Certifications

- **B.S. in Computer Science**, Saint Vincent College
- **Certified ScrumMaster (CSM)**, Scrum Inc.

Why Hire Me?

- **Proven Leadership:** Successfully scaled engineering teams across multiple industries.
- **Deep Technical Expertise:** Extensive hands-on experience in data pipelines, cloud architectures, and automation.
- **AI & Productivity:** Leveraged AI to enhance team productivity and coached teams in effective AI integration.
- **Strategic Alignment:** Skilled in aligning engineering goals with product and business strategies for long-term success.
- **Adaptable & Impactful:** Excelled in dynamic environments, consistently delivering scalable, high-impact solutions.