

Paul Schick

Solutions Architect

Pittsburgh, PA | paulschick19@gmail.com | [LinkedIn](#) | [GitHub](#)

Summary

Solutions architect with extensive experience delivering enterprise healthcare and legal projects. Senior-level professional who led seven WebSphere-to-Java-21 migrations and built a rules engine used by over 100 representatives daily. Proven ability to act as the sole technical liaison, translating business needs into reliable cloud solutions. Seeking to apply this expertise to drive scalable, compliant systems for your organization.

PROFESSIONAL EXPERIENCE

CEI

Associate Architect and GCP AI Practice Lead

Pittsburgh, PA · Dec 2025 - Present

- Lead cloud architecture for enterprise healthcare and legal clients, designing Java services on GCP Cloud Run and SQL to ensure HIPAA compliance and enhance system scalability, which enabled successful compliance audits and smoother client onboarding
- Built a data model creation interface from zero in React, unblocking a sister team's end-to-end testing.
- Authored 3 design documents (RFCs) so precise that another engineer built a major feature from the written spec.
- Wired monitoring configuration through Azure Bicep across 5 tenant repositories so every client environment reports errors.
- Turn business needs into technical designs each week using architecture patterns, collaborating with client directors and non-technical stakeholders to produce clear design specifications, which keep projects aligned and enable on-time delivery as the project's sole technical liaison
- Pioneered specification-driven development at CEI, evaluating and implementing Spec Kit, BMAD, and custom agent frameworks toward an agentic SDLC adopted by the 10+ person AI team.
- Build large language model (LLM) prototypes in Python with LangGraph and Pydantic AI, then demo them to client engineers to close gaps in their AI roadmap.
- Onboarded at least 10 client and consultant engineers onto a healthcare account, using documentation they still run applications from.
- Serve as the client-facing technical contact on a 5-year engagement, working directly within the customer's repositories and systems, which streamlined issue resolution and improved overall project communication
- Demonstrated AI agents to a client stakeholder, who then requested a proposal for an AI solution that cuts cost in a provider process.

Senior Software Engineer

Pittsburgh, PA · Dec 2023 - Dec 2025

- Served as sole technical interviewer for a healthcare client account, conducting 70 interviews at a 75% placement rate to staff the account's growth from 1 to 50+ consultants at \$1M+ per month recurring.
- Built member-facing single-page applications with TypeScript, JavaScript, HTML, and CSS, applying responsive web design so health plan members could find care providers online.
- Built API integration to Claims, Billing, Membership, and government APIs through an OAuth gateway, so member apps read data other teams owned.
- Ran production deployments with the client's OpenShift DevOps team, moving 7 applications through 4 test environments and customer change approval.
- Designed and deployed the production Azure infrastructure with Terraform, provisioning VMs, networking, and storage, increasing availability and reducing deployment time.
- Gathered requirements from the client's call center managers, translating their daily workflows into rules 5 client analysts now edit monthly.
- Resolved production incidents by taking emergency calls, using Azure monitoring and CI/CD pipelines to restore the client's service, and reported status to the IT director until the issue was closed, ensuring minimal downtime

Developer II

Pittsburgh, PA · Dec 2022 - Dec 2023

- Engineered a router bridge that let a legacy AngularJS application migrate to Angular incrementally, completing the migration ahead of schedule.

Developer I

Pittsburgh, PA · Dec 2021 - Dec 2022

- Lead developer of a 4-person team that remediated 34 healthcare applications (14 external, 20 internal) to WCAG 2.1 A/AA compliance, earning the highest internal accessibility scores in the organization.

Associate Developer

Pittsburgh, PA · Dec 2020 - Dec 2021

- Developed backend services, front-end features, and data-processing scripts for an enterprise consulting project that shipped to the client.

EDUCATION

University of Pittsburgh

B.S., Neuroscience

2016

Certifications

- Professional Cloud Architect: Google Cloud
- Associate Cloud Engineer: Google Cloud
- Azure Network Engineer Associate: Microsoft
- Azure Fundamentals: Microsoft