

Zachary Tapocik

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EDUCATION

Community College of Allegheny County
Associate of Science in Software Development (Expected)

Pittsburgh, PA
2028

CERTIFICATIONS

Rust Programming Specialization - Duke University (Oct 2025)
Rust Fundamentals - Duke University (Oct 2025)
Rust for DevOps - Duke University (Oct 2025)
Rust for Large Language Model Operations (LLMOps) - Duke University (Oct 2025)
Version Control - Meta (Sep 2025)
Introduction to DevOps - IBM (Mar 2025)
Introduction to Microsoft Azure Cloud Services - Microsoft (Mar 2025)

EXPERIENCE

Software Engineer (Contract)

Remote

Accenture

Feb 2024 – Present

- Developed full-stack SaaS components using Rust for high-performance backends and TypeScript/React for real-time UIs in enterprise productivity tools
- Implemented distributed data patterns including partitioning and replication to enhance reliability in cloud environments
- Configured CI/CD pipelines with Docker and Git to streamline deployments for remote teams
- Contributed to cross-platform desktop/web applications focusing on maintainable code and performance optimization

Software Developer (Contract)

Remote

IBM

Sep 2023 – Jan 2024

- Built scalable backend services in Rust and Python with async APIs and offline data synchronization features
- Created performant frontends using TypeScript, React, and FastAPI, integrating local AI models for developer tooling
- Developed real-time utilities and static generation tools emphasizing low-latency and fault tolerance
- Collaborated in agile environments with code reviews and sprint deliverables

Information Technology Support Specialist

Pittsburgh, PA

Peloton Interactive

Aug 2023 – Jan 2024

- Provided technical support resolving hardware, software, and network issues for employees and customers (50+ tickets/week)
- Troubleshoot connectivity problems, performed software installations, and documented resolutions
- Trained team members on efficient fixes to improve response times and satisfaction

Fulfillment Associate

Pittsburgh, PA

Amazon

Oct 2021 – Aug 2023

- Managed inventory processing, order fulfillment, and shipment tracking in high-volume warehouse environment
- Operated equipment and internal software systems while meeting daily performance metrics
- Adapted to dynamic shifts and collaborated with teams to ensure operational efficiency

TECHNICAL SKILLS

Languages: Rust, TypeScript, Python, JavaScript, SQL

Frameworks & Libraries: React, FastAPI, Electron, React Native, Tailwind CSS

Developer Tools: Git, Docker, CI/CD Pipelines, VS Code, Azure, Vercel

Other: REST APIs, Real-Time Systems, Distributed Systems, DevOps, LLM Integration, Agile Methodologies