Alexander Wehrli (formerly Herrmann)

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Unanet – Senior Software Engineer   September 2023 – Present

· Led initiative to improve legacy software development with common-sense CI/CD and tooling improvements learned from building startups. Brought in testing, containers, and modern build tools tools, and reduced "time to first commit" for new developers in a Java/React app.

· Refreshed and re-invigorated the development of a React application that had fallen behind. Led an initiative that has removed 10's of thousands of lines of old state management code.

mysherpas – Principal Software Engineer   March 2022 – September 2023

· Spearheaded the design and development of the core (Java/Next.js) product from inception. Partners estimate it saves dozens of hours a week for their teams after initial implementation.

· Led end-to-end software development operations, encompassing everything from initial code creation to selection and implementation of development processes, tools, and cloud services.

· Established and optimized CI/CD processes, resulting in a one minute deployment using AWS and Bitbucket.

· Led the relationship with our 3rd party operations team, handing over Terraform powered AWS infra. A learning experience for them, they have now adopted it internally.

OpenEdge/GPI – Software Engineer II   June 2019 – March 2022

· Successfully transitioned and expanded 3PointData's legacy software post-acquisition by GPI.

· Collaborated across teams to offload work to more dedicated resources, allowing developers to focus on building.

· Created a new product (Java and React) with only 2 other developers that collects millions of dollars in payments a year.

· Brought the momentum and efficiency of a startup team to a larger corporate framework, ensuring consistent high-speed development.

3PointData – Software Engineer   May 2015 – June 2019

· Created a (private) customer facing support site from scratch that increased shared visibility for tickets.

· Worked with many international teams across Europe, UK, New Zealand, and Australia.

· Built out an extensive testing framework involving a mixture of unit, API and browser automation tests using Selenium.

· Overhauled DevOps process with Docker using inexpensive self-hosted instances.

· Java EE, Spring, Ember.js main stack serving more than 20 million requests per day.

SKILLS AND PROJECTS

IaaS:	AWS, Digital Ocean, GCP
Containers:	Docker, Kubernetes, Helm
Linux:	Production and personal environments, both locally and in the cloud
Programming Languages:	Java, Kotlin, Typescript, Go, SQL, Python
Other Technologies:	React/Next, Selenium, Git, Terraform, Docker, Spring Boot
Databases:	MySql, PostgreSQL, Elasticsearch
Automation/DevOps:	If something needs to be done regularly and can be automated, it should.
Testing:	Regression testing takes a lot of people-hours. Automating as much as possible to achieve functional coverage is important.
Observability:	Knowing why your software is failing with solid observability helps everyone deliver better code faster.
Projects:	Public activity on Github, personal site at alexw.codes

EDUCATION

B.S. in Computer Science – University of Utah (graduated 2022)