GALEN SCOVELL

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EXPERIENCE

Software Engineer, Infrastructure Services • SmartNews • Tokyo, Japan   Dec 2022 - Present
Java, Kotlin, TypeScript, AWS, React, SpringBoot

- Saved $4K/mo optimizing AB Test service cache by migrating from ElastiCache to same-cluster Kubernetes Redis with read-through DynamoDB logic.
- Revamped React AB Test portal UI, enhancing UX and efficiency, addressing user pain-points.
- Achieved 99.9% sub 10ms (p95) and sub 30ms (p99) latency for AB Test service (30M req/d).
- Migrated vital continuous tasks from SpringBoot Kubernetes to Flink, enhancing performance, monitoring, and reducing costs.

Senior Software Engineer • PayScale, Inc • Seattle, WA   Feb 2020 - Jul 2021
C#, Python, TypeScript, PowerShell, C++, Azure, AWS, ASP.NET, .NET Core, FastAPI

- Generated $40K/mo by implementing paid API with custom policy system for company's highest-traffic service.
- Migrated high-traffic legacy services to scalable Kubernetes .NET Core on Azure.
- Optimized critical profile index build process, reducing runtime from days to 8 hours, improving data freshness and customer experience for all products.
- Built FastAPI Kubernetes service matching job details to compensable factors using Data Science ensemble model.

Software Engineer II • PayScale, Inc • Seattle, WA   Mar 2017 - Feb 2020
C#, Python, JavaScript, Powershell, Azure, AWS, ASP.NET, .NET Core

- Designed & built company's highest-traffic service, generating 10M daily reports and powering the majority of company products.
- Created scripted processes for company-wide data deployment, vital for daily operations.
- Implemented ETL pipeline for customer profiles from legacy nested XML SQL blobs to flattened JSON in Snowflake data warehouse, processing 30M profiles per day.

Software Engineer • PayScale, Inc • Seattle, WA   Dec 2016 - Mar 2017
C#, Python, JavaScript, Azure, AWS, ASP.NET, .NET Core

- Modernized ASP.NET monorepo to .NET Core microservices with async architecture.
- Implemented and optimized internal ElasticSearch for 30M monthly queries across products.

Data Science Engineer • PayScale, Inc • Seattle, WA   Jul 2015 - Dec 2016
C#, Python, JavaScript, Powershell, AWS, ASP.NET

- Automated core compensation model build process, boosting efficiency over four quarters.
- Developed NLP pipeline for topic & skill extraction from job descriptions, aiding Data Science.

CONCEPTS

Service Architecture, Cloud, Test Driven Development, Agile, CI/CD, Automation, Web Development

EDUCATION

Bachelor of Science in Biology
University of Oregon
3.5 GPA

TOOLS

HTML/CSS, Git, Redis, SQL, NoSQL, ElasticSearch, Kubernetes, Docker, Flink, Linux, DataDog