GALEN SCOVELL

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EXPERIENCE

Software Engineer, Infrastructure Services • SmartNews • Tokyo, Japan   Dec 2022 - Present

- Optimized AB Test service cache by migrating from ElastiCache to same-cluster Kubernetes Redis with read-through DynamoDB logic, saving $4000 monthly.
- Revamped React AB Test UI, enhancing UX and efficiency, addressing user pain-points.
- Achieved 99.9% sub 10ms (p95) and sub 30ms (p99) latency for AB Test service.
- Migrated AB Test Springboot tasks from Kubernetes to Flink, enhancing performance, monitoring, and reducing costs.

Senior Software Engineer • PayScale, Inc • Seattle, WA   Feb 2020 - Jul 2021

- Implemented paid API with custom policy system for company's highest-traffic service, generating $40K monthly revenue.
- Migrated high-traffic legacy services to scalable Kubernetes .NET Core on Azure.
- Optimized profile index store process, reducing runtime from days to 8 hours, improving data freshness and customer experience.
- 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

- 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.
- Guided and mentored junior developers, facilitated sprint meetings, and led project planning sessions.

Software Engineer • PayScale, Inc • Seattle, WA   Dec 2016 - Mar 2017

- 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

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

SKILLS

Languages: C#, Python, Java, Kotlin, TypeScript, PowerShell SQL, HTML/CSS

Other: Cloud (AWS/Azure), Redis, React, Kubernetes, Docker Git, ElasticSearch, FastAPI, .NET Core, SpringBoot, CI/CD Linux, Unity

EDUCATION

Bachelor of Science in Biology
University of Oregon