Galen Scovell

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work experience

Senior Software Engineer — Feb 2020 - July 2021
PayScale, Inc.

- Migrated multiple high-traffic legacy services with no tests into scalable, fully tested Kubernetes .NET Core services on Azure AKS
- Led development of Python FastAPI Kubernetes service for matching job details to compensable factors, composed of varied resource-intensive Data Science models
- Created paid public API from highest traffic service at company with custom user policy management system, generating ~$40k per month
- Built TeamCity task infrastructure for Data Science team, providing templates, virtual environments, cloud agents, and encrypted secrets process for efficient development

Software Engineer II — 2017 - 2020
PayScale, Inc.

- Designed and built highest traffic service at the company, generating 10 million compensation reports per day and forming backbone of most products
- Created process for building and deploying all facets of company internal data, critically used by all teams every day for both internal and customer-facing systems
- Conducted interviews covering algorithms and debugging for my team and others

Software Engineer I — 2016 - 2017
PayScale, Inc.

- Pulled legacy high-traffic, computationally dense service out of ASP.NET monorepo into modern .NET Core cloud-based microservice with async task architecture
- Built processes for maintaining and querying ElasticSearch indices that serve 30 million queries per month, powering both internal and customer-facing products

Data Science Engineer — 2015 - 2016
PayScale, Inc.

- Created serverless, performant NLP feature extraction pipeline for inferring topics and skills from user uploaded job description files
- Led build and release of PayScale's core compensation model for four quarters, compressing complex manual process into automated scripts

technologies and languages

Languages	C#, Python, Java, JavaScript/TypeScript, Scala, Powershell, HTML/CSS
Technologies	Cloud (Azure/AWS), Docker, Kubernetes, Git, .NET, Redis, ElasticSearch, Electron
Concepts	Web Development, Microservices, API Design, Automation, Testing, CI/CD

education

University of Oregon — 2015
Bachelor of Science, Biology

interests

Japanese | Running | Reading | Video Games | Board Games | Game Development