Galen Scovell

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work experience

Senior Software Engineer   Feb 2020–Present
PayScale, Inc.

- Migrated multiple high traffic legacy services with no tests to 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
- Implemented user policy management for paid public API users on high traffic Azure AKS .NET Core service using performant middleware with cache
- Built TeamCity task system for Data Science 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 10mm+ 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 30mm+ 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
Other	Web Development, Microservices, API Design, Automation, Testing, CI/CD

education

University of Oregon   2015
Bachelor of Science, Biology

interests

Japanese, Running, 3D Printing, Woodworking, Calisthenics, Game Development