Christopher Geihsler

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Experience

Auth0/Okta
Remote

Senior/Staff Software Engineer
January 2020 – April 2022

Team Lead for the Ecosystem team within the Auth0 Developer Experience domain. The Ecosystem team consists of 10+ developers across the Marketplace and Extensibility sub-teams and provides features that allow Auth0 users to extend Auth0's core flows according to the needs of their applications.

- Designed, developed, and maintained Auth0's flagship extensibility offering, Auth0 Actions, in node.js, golang, React, and Postgres.
- Ensured the Actions service could scale to 500 requests per second with 50ms p99 response times.
- Launched the Auth0 Marketplace, which allows Auth0 customers to extend their Auth0 environment with minimal configuration by installing 3rd-party integrations.
- Maintained Auth0's legacy extensibility offerings: Auth0 Rules, Hooks, and Extensions.
- Maintained Auth0's internal FaaS platform, Webtask, on which Auth0's extensibility offerings are built.
- Shaped the larger vision for the Marketplace and Extensibility sub-teams and ensured that the two teams were building towards that vision.
- Conducted design and code reviews for the Ecosystem engineering team.
- Shaped the quarterly roadmap by collaborating with Product and Engineering Management.
- Member of the Architecture Roundtable, ensuring architectural alignment across Auth0 teams.
- Performed regular on-call duties, incident response, and participated in incident post-mortems.
- Interviewed, trained, and mentored new team members.

Turnitin
Pittsburgh, PA

Principal Software Engineer/Engineering Manager
March 2017 – August 2019

Developed and maintained Revision Assistant (RA), an application that helps K-12 students improve their writing by delivering instant, automated feedback.

Led the Cloud Viewer team, responsible for building a rich document viewer that integrates with Turnitin's cloud-based Academic Integrity products.

- Led a team that developed, tested, and deployed high-quality, user-facing features in React and Python.
- Functional manager for four software engineers. Conducted regular one-on-ones and quarterly performance reviews. Hired one full-time employee, promoted an engineer from Senior to Principal, and transitioned a Senior QA Engineer to Senior Software Engineer.
- Represented the Pittsburgh engineering team at quarterly OKR planning meetings. Collaborated with product management and UX designers to shape departmental OKRs and the product roadmap.

Think Through Learning (TTL)/Imagine Learning
Pittsburgh, PA

Senior Software Engineer/Engineering Manager
January 2013 - March 2017

Key contributor for TTL's flagship product, Think Through Math (TTM): an online, web-based, remedial math tutoring application focusing on students in grades 3-8. TTL was acquired by Imagine Learning in October 2016.

- Developed, tested, and deployed user-facing features in Ruby on Rails, JavaScript, and Elm.
- Scaled TTM to support 3,000,000 students completing over a billion math problems per school year.
- Implemented a reporting service that manages billions of rows and processes report requests from teachers, school administrators, and TTL employees.
- Developed a Node.js chat application that allows students to receive instruction from teachers in real-time.
- Functional manager for three software engineers. Responsible for providing actionable feedback, conducting performance reviews, setting career goals, and managing the engineering hiring process.

Omnyx   Pittsburgh, PA
Senior Software Engineer   November 2008 - January 2013

Developed Omnyx's Integrated Digital Pathology (IDP) system: an enterprise application that allows anatomic pathologists to accurately and quickly diagnose patients by replacing a workflow of glass slides, microscopes, and paper records with digital images, electronic records, and integration to other systems within the hospital.

- Designed, developed, and tested user-facing features using C#, WPF, WCF, NHibernate, and SQL Server.
- Built control software for a high precision medical imaging device in C# and C++.
- Optimized SQL queries and application logic to support millions of patient cases.

CareCentric   Atlanta, GA/Pittsburgh, PA
Software Engineer/Technical Team Lead   May 2003 – November 2008

Developed and maintained Ac-Cura: a smart client home healthcare management software product that allowed customers to intake patients, collect clinical data, and generate healthcare claims.

- Designed and implemented a layered architecture using C#, WinForms, IIS, and SQL Server.

Community
- Presented at Abstractions 2016, CodeMash 2015, and Pittsburgh Code and Supply.
- Organizer for Steel City Ruby Conference and regular attendee of the Pittsburgh Ruby meetup.

Tools/APIs
- Node.js, Golang, Docker, Rails, React, Postgres, Redis, Python, Elixir, Angular, Elm, .NET 4.0, MS SQL Server, Heroku, AWS, kubernetes, git, vim, DataDog, CloudFlar

Education   **Georgia Institute of Technology (Georgia Tech)**   Atlanta, GA
B.S. in Computer Science, GPA: 3.25 (Honors)   1998 - 2003