

Zachary D. Schmidt

zschmidt.github.io • Bend, OR

Education

- **University of Oregon** **Eugene, OR**
M.S. Computer Science 2015 – 2017
 - **Minnesota State University, Mankato** **Mankato, MN**
B.S. Computer Science
B.S. Mathematics 2008 – 2013
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Experience

- **SoundCommerce** **Remote**
Senior Software Engineer February 2023 – November 2023
 - In addition to previous responsibilities, onboarded new hires by acting as a point of reference and maintaining an onboarding document which served as an introduction to the SoundCommerce ecosystem
 - Managed onboarding and access control for a team of newly hired offshore employees, utilizing Terraform to iteratively assign and update permissions, ensuring compliance with security protocols*Software Engineer* March 2021 – February 2023
 - Developed and optimized data pipelines for loading and processing terabytes of clickstream data in a microservices-based ELT platform processing large-scale BigQuery datasets, using Scala for backend development and Kafka for efficient messaging and data streaming
 - Optimized data storage and retrieval between GCS and BigQuery, driving performance improvements across the system, improving data accuracy and efficiency
 - **ATP Development** **Remote**
Software Associate June 2018 – May 2020
 - Developed a full-stack application with a TypeScript/Angular client and a C#.NET Core backend, integrating Cosmos DB and SignalR for real-time communication, and oversaw its deployment on Azure
 - Configured and maintained CI/CD pipelines that deployed Docker instances managed by a Kubernetes cluster, leveraging Helm and Tiller for resource management
 - Managed domain records (MX and CNAME) and implemented an automated email service using SendGrid
 - **Thermo Fisher Scientific** **Eugene, OR**
Software Engineering Contractor January 2018 – June 2018
 - Updated the user interface of a flow cytometer in a laboratory setting using C++ and Microsoft Foundation Class, while participating in Kanban development methodology to ensure efficient project workflow
 - **ImageTrend, Inc.** **Lakeville, MN**
Software Developer January 2014 – September 2015
 - Developed web applications using a diverse tech stack, including ColdFusion for CMS, AngularJS/Bootstrap for responsive design, and C#.NET for RESTful APIs
 - Led the development and deployment of a real-time auction platform with a Java backend, utilizing Lightstreamer streaming between both a client written in Actionscript, and another in HTML5/Javascript, and verified its ability to support 10,000 users via Amazon EC2 load testing
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Certifications/Honors

- Graduate Teaching Fellow of the Year, University of Oregon 2015, 2016
 - Eagle Scout, Boy Scouts of America 2008
 - Wilderness First Responder, NOLS 2024
 - Crosscut A Sawyer/Chainsaw A Sawyer, Forest Service 2024
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