Amy Schlesener

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EXPERIENCE

Principal Software Engineer   June 2018 - Present
Capital One   Seattle, WA

○ Building GRPC and REST microservices in Python and Go to support a new financial product
○ Heavy use of AWS infrastructure (DynamoDB, EC2, ECS, Lambdas, S3, etc); deploying with Jenkins using CloudFormation and Terraform

Software Engineer III   November 2016 - May 2018
ExpertVoice   Kirkland, WA

○ Increased performance of an autocomplete search by storing huge data in Elasticsearch and populating with an Azkaban job, resulting in an 80 times faster search response
○ Built a performant microservice with REST API in Go to collect survey responses and retrieve aggregate survey results stored in a MySQL database
○ Added features to services and websites across the full stack, including database (MySQL), API (Go, Java, Ruby on Rails), and web apps (JSP, JavaScript, Backbone.js, CSS/SCSS)

Software Developer III   May 2015 - November 2016
Bluetooth SIG   Kirkland, WA

○ Lead developer for company ticketing system; designed and implemented architecture, code, and deployment strategy
○ Built an internationalized customer registration web application in AngularJS with Typescript
○ Wrote a web service in C#, built on ASP.NET Core and Entity Framework with SQL Server, to support the registration web application and integrate with other services
○ Received multiple company-wide employee recognition awards for being vital to the success of projects

Software Developer   August 2013 - August 2014
Software Developer Intern   June 2013 - August 2013
Logos Research Systems   Bellingham, WA

○ Designed and implemented a system in C# and JavaScript that drastically reduced hacking attempts on customers' website accounts by using a proof-of-work protocol on login
○ Analyzed company website for security vulnerabilities, using tools such as BurpSuite, and remediated them; configured network security through F5 BIG-IP
○ Added various backend features to customer-facing .NET web applications and APIs

Computer Science Teaching Assistant   January 2013 - March 2013
Western Washington University   Bellingham, WA

○ Led two labs weekly for Programming Fundamentals in C++ (CSCI 140) and Computers and Applications (CSCI 101); provided tutoring, grading, and feedback for approximately 60 students
○ Taught C++, Linux, HTML, JavaScript, Visual Studio, algorithm design, and various computer science and programming concepts

EDUCATION

Bachelor of Science, Computer Science   Bellingham, WA
Western Washington University

PROGRAMMING SKILLS

Languages: Go, Python, C#, Java, Ruby, SQL   **Technologies**: AWS, Git, GRPC+REST microservices