

Steven Challis

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Employment

Steven Challis LLC

Owner/Principal Consultant, July 2021–Present (Portland, OR)

- Freelance advisor, cloud architect, and software developer trusted by customers including Codemill AB (NASDAQ-listed M&E Software company), Market of Choice (Premium grocery) and seed stage startups.
- Led US technical sales for pro-video and media supply chain web apps. Built custom integrations and Proof of Concepts using NodeJS/React and AWS/Azure to help clients close deals, adding 20% Annual Recurring Revenue (ARR) through net-new sales to Sony, Amazon Studios, Apple, Deluxe, Viacom and Disney.
- Created technical vision and architecture through strategic partnership with AWS for a new media supply chain concept for Disney (rapid media ingestion and metadata capture, 3D asset visualization and reuse, AVID integration)
- Led technical partnership with Dolby on a new Just-in-time (JIT) video product offering with joint Go-to-market (GTM) strategy thus unblocking >\$1MM ARR in pipeline for 2023.
- Architected and built serverless backend and REST APIs for a new retail loyalty rewards program (using NodeJS, Lambda, SAM, DynamoDB) projected to launch to 50k active users in late 2022 and power the customers 'Surprise and Delight' strategy (key business differentiator). Also architected changes to their retail analytics system resolving performance issues, reducing dashboard latency from many seconds to sub-second and improving scalability.

Technologies: Python, Javascript, NodeJS/React, Go, AWS (Serverless, Lambda, Fargate, ECS/Kubernetes, Cloudformation, S3), Git/Github, CI/CD, Docker, Azure, Jira, Confluence, ffmpeg, Miro

Amazon Web Services

Enterprise Solutions Architect, January 2017–June 2021 (NYC and Portland, OR)

- Solutions Architect within AWS for Greenfield, Named and Enterprise territories where I partnered with sales account teams to drive growth of 100+ customer accounts in 5 years and advised customers on cloud strategy and technical implementations.
- Americas SA Rookie of the Year 2017 out of 800 new hires that year.
- [Re:Invent 2017, 2018 and 2019 Speaker and Workshop owner on the topic of Multi-region Serverless Architecture](#) with an average Customer Satisfaction Score of 4.6. [Contributor to the AWS Cloud Operations Blog](#)
- Amazon Certified Public Speaker, AWS SA Pro and Devops Pro Certified (Renewed in 2021)
- Lead SA for the Nike account team (responsible for over \$150MM in annual revenue) architecting multi-region and multi-account solutions. I was involved in key workloads such as realtime data pipelines and analysis with Kafka/Kinesis/SQS/EMR/Hadoop, search scaling with Elasticsearch, service mesh adoption and EKS/Kubernetes/ECS container deployments, retail inventory scanning, custom Point of Sale build and bot mitigation. Some teams regularly scaled to over 1MM Requests-per-second during key launches requiring close partnership throughout.
- Member of the Serverless, Media & Entertainment, and Retail specialist communities delivering cross-functional impact.
- Worked with product teams to drive roadmap development resulting in dozens of new features and bug fixes.
- Contributor to dozens of internal software projects utilizing IOT, NodeJS/React, GraphQL/AppSync/Amplify and Lambda, ECS. Some Open Sourced at [aws-samples](#) github.

Technologies: Almost all of the 200+ AWS Products

Hogarth Worldwide

Tech Lead, July 2012–December 2016 (New York and London)

- Former roles included Technical Account Director, Product Manager, Dev Team Lead and Application Developer
- I started as one of the first 5 engineering hires. Promoted to Tech Lead overseeing Digital and Workflow team (10+ developers) and Internal Software teams (20+ devs) and direct management of the Application Support Team (3 people). My

teams built and supported marketing, workflow and approvals tools/websites for Fortune 500 companies with tens of thousands of users and millions of assets (movies, images etc.) using agile methodologies and tools.

- Involved in all hiring, mentoring and partnerships across App Dev, Digital Media and Sales, teams in London, US, Brazil and India and Poland.
- As App Support Manager
 - I grew the team scope to support business critical apps and internal teams.
 - Mentored staff and reduced ticket turnaround times through improved tracking, processes and training.
- As a Technical Account Director
 - I delivered on sales worth \$2MM in ARR. Directly managed brands such as J&J, Pfizer, Castrol, Grey, GSK, Novartis, Nestle, Mazda, Rolex, Keurig, Revlon, American Express, Colgate and YUM Brands.
 - Led the rollout of a production workflow solution across 8 major Ad Agencies as part of Team Pfizer
 - Led implementation, evangelization and training of DAM, workflow and productivity systems internally across the Americas
- As a Product Manager
 - In 2013, the company spun-off their primary technology product as a joint venture with Deluxe Entertainment raising \$15MM funding. I was promoted from Dev Lead to Product Manager and was the primary contact between the Joint Venture partners. I was responsible for developing the US media distribution and workflow capabilities of the product.
 - Attended trade conferences to investigate products and partnerships that would keep our products industry leading
 - Built relationships with key partners, requesting features, improving integration and fixing bugs and performance issues
- As Dev lead
 - I re-architected our on-prem products to work on AWS and worked closely with Microsoft to deploy to Azure
 - Designed and rolled out standard development and test environments using AWS improving team agility
 - Merged the codebases for two of the companies products with similar vision and subsequently led the resulting unified team.
 - Implemented code review and gitflow-style process using Github Enterprise to raise the bar on our software quality, process and personal development.
 - Led retrospectives and show 'n tells

Technologies: Agile, Scrum, Python, Django, C#, .NET, PHP, Drupal, HTML/CSS, Backbone.js, Wordpress, Umbraco, NGINX, HAProxy, Zendesk, ServiceNow, Jira, Confluence, Hubspot

Sirius Corporation

Software Engineer, August 2010–July 2011 (London)

- Wrote, modified and debugged production Java, Python, Perl, PHP and frontend code running on a variety of Unix-based stacks supporting thousands of users.
- Deployed and supported Open Source software in enterprise environments (Apache, Nagios, Puppet, Postfix, Debian, Drupal, OpenERP etc.)
- Built reusable tools for log analysis, auditing and LDAP management which enabled faster response to client requests.

Education

University of Leeds, 2:1 BSc Computing, 2007-2010

- Undergraduate Thesis: [Decoupling Illumination from Isosurface Generation](#), supervised by Dr. Hamish Carr
- Honors and Awards: TOPS Programming Challenge 2008 (Winner) / 2009 (Runner-up)
- Responsibilities: Executive Committee Member of the Computing Society 2009, Volunteer for Open Day tours and talks 2007-2010, Volunteer Programming Mentor in local schools 2009, part-time Software Consultant 2009