SCOTT ⬛ ENRIQUEZ

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Education at the University of Texas at Austin

Bachelor of Arts | Computer Science and Asian Studies
August 2008 – December 2013 | Austin, Texas

Skills

- Architecting cloud solutions in AWS and Azure
- Relational and non-relational database design using DynamoDB, Amazon RDS, and Azure managed database services
- Infrastructure as code using AWS CloudFormation, AWS CDK, and Terraform
- CI/CD using Azure DevOps, AWS Code Suite, and GitHub Actions
- FinOps and cloud cost optimization
- Serverless development using AWS Lambda and Azure Functions
- Backend software development using .NET, Node.js, and Python
- Frontend software development using React, Svelte, and Angular

Active Certifications

Work Experience

Amazon Web Services | Solutions Architect
February 2023 – present | Los Angeles, California

- Serving as a specialist solutions architect focused on cost and sustainability optimization for four Strategic Accounts on the Optimization Intelligence for Cloud Systems (OPTICS) team
- Architecting internal tooling to streamline analysis of complex cost, usage, and telemetry datasets using SQL, QuickSight, and Python
- Conducting technical deep dives and workshops for customers for AWS offerings, including EC2, EBS, S3, DynamoDB, RDS, Graviton, and Spot resulting in millions of dollars saved for customers
- Partnering with customer FinOps programs to drive technical roadmaps and organization-wide optimization strategies
- Performing financial modeling and technical analysis to strategically support enterprise contracts, resulting in the successful acquisition of billions in revenue

Amazon Web Services | FinOps Commercial Architect
December 2021 – February 2023 | Los Angeles, California
- Supported six Strategic Accounts with cost and sustainability optimization on the OPTICS team
- Helped customers build and maintain successful cloud financial management programs and FinOps practices
- Analyzed complex cost and usage datasets, including CUR, to identify and facilitate the implementation of cost-saving opportunities resulting in millions of dollars saved for customers
- Conducted technical deep dives into spend and optimization opportunities to help customers make data-driven decisions
- Assisted customers with developing complex purchasing strategies involving Savings Plans, Reserved Instances, and Spot
- Developed queries, visualizations, and scripts for data analysis using SQL, QuickSight, and Python

Slalom | Consultant | Cloud, DevOps, and Security
January 2021 – December 2021 | Houston, Texas
- Served as a solutions architect, application architect, cloud engineer, and DevOps engineer on engagements across various industries and companies
- Provided expertise to clients in the areas of cloud-native solution design using AWS, infrastructure as code, and software engineering

ConocoPhillips | Cloud Enablement Architect
September 2020 – January 2021 | Houston, Texas
- Facilitated adoption of DevOps and cloud-native solution design in an enterprise environment with solution engineering teams across the globe
- Provided best practices and troubleshooting support for solutions comprised of services such as EC2, Elastic Beanstalk, RDS, ECS, and Lambda
- Developed standardized infrastructure as code templates using Terraform, AWS CloudFormation, and AWS CDK
- Assisted engineers with implementing CI/CD automation using Azure DevOps and AWS Code Suite
- Reviewed service control policies and security remediation logic for new services to be sanctioned in the AWS Organization

ConocoPhillips | Solutions Architect
November 2019 – September 2020 | Houston, Texas
- Architected cloud-native solutions in AWS, Azure, and Mendix
- Designed and implemented full-stack applications using .NET, Node.js, React, and relational databases
- Built CI/CD pipelines using Azure DevOps
- Implemented rules, configuration, and integration for SonarQube to perform static code analysis and WhiteSource to execute vulnerability scanning
- Facilitated SAFe adoption and worked on two Agile teams
- Performed code reviews and mentored other developers

ConocoPhillips | Software Development Technical Team Lead
January 2019 – November 2019 | Houston, Texas
- Prioritized and managed project intake and team workload
- Oversaw roadmap for enterprise implementation of the low-code development platform Mendix

- Performed code reviews and mentored other developers

ConocoPhillips | Full-Stack Software Developer
August 2014 – January 2019 | Houston, Texas; Bartlesville, Oklahoma
- Provided software development and IT support for business units across the world, including Alaska, United Kingdom, and Norway and corporate functions like finance and HR
- Implemented, enhanced, and supported full-stack and desktop enterprise solutions using .NET, Angular, and relational databases
- Maintained customer relations and assumed business analyst responsibilities when needed

ConocoPhillips | Data Integration Analyst
January 2014 – August 2014 | Anchorage, Alaska
- Created a visualization of the business unit's data universe
- Used Informatica Cloud to implement various data integration jobs to replace Perl scripts

ConocoPhillips | Operations Analyst Intern
May 2013 – August 2013 | Anchorage, Alaska
- Handled general IT responsibilities for day-to-day operations in the business unit
- Led a project to select, install, and configure video camera management software
- Worked on numerous coding projects using C#, Visual Basic, Python, Perl, and SQL

ConocoPhillips | Network Operations Intern
May 2012 – August 2012 | Bartlesville, Oklahoma
- Managed a networking project to streamline device purchase, configuration, and onsite setup
- Automated data entry via Python scripts
- Enhanced the team portal site using .NET, HTML, and CSS

Valero Energy Corporation | Software Developer Intern
May 2011 – August 2011 | San Antonio, Texas
- Implemented software using ABAP for security controls for Sarbanes-Oxley compliance
- Met with clients regularly to gather requirements and for user acceptance testing
- Identified complex relationships within data models and role-based access controls

The University of Texas at Austin | Computer Science Tutor and First-Year Student Mentor
March 2009 – December 2010 | Austin, Texas
- Tutored programming and logic courses on a group and individual basis
- Mentored a group of first-year computer science students and taught teambuilding, networking, and effective study habits
- Participated in frequent mentor and tutor training

Volunteering Experience

Microsoft TEALS | Volunteer Advanced Placement Computer Science Teaching Assistant
June 2018 – March 2022 | Houston, Texas
- Trained in computer science teaching pedagogy and the course curriculum
- Co-teaching Java at Heights High School utilizing tools like Repl.it and Newrow
- Coordinating guest lectures from a variety of tech professionals to showcase careers for students