

# SCOTT ENRIQUEZ

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## Education at the University of Texas at Austin

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### Bachelor of Arts | Computer Science and Asian Studies

August 2008 – December 2013 | Austin, Texas

## Skills

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- Architecting cloud solutions in AWS and Azure
- Relational and non-relational database design using Amazon 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, cloud efficiency, 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 and Angular
- Scrum and Agile methodologies

## Active Certifications

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## Work Experience

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### 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 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 Optimization Intelligence for Cloud Systems (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**

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### **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-taught Java at Heights High School utilizing tools like Repl.it and Newrow
- Coordinated guest lectures from a variety of tech professionals to showcase careers for students