

[https://scottie.is](https://scottie.is/) | [scottie@enriquez.io](mailto:scottie@enriquez.io) | <https://github.com/scottenriquez>

**Education at the University of Texas at Austin**

**Bachelor’s Degree: Computer Science**

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| Software Engineering | High-Performance Computing |
| Operating Systems | Automata Theory |
| Systems Microarchitecture | Algorithms and Data Structures |

**Bachelor’s Degree: Asian Cultures and Languages (Japanese)**

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| Advanced Japanese Conversation | Advanced Japanese Reading |
| Politics in Japan | Modern Japanese Literature |

**Skills**

* Full-stack, serverless, container-based, and event-driven solution design
* C#, JavaScript, TypeScript, Python, Java, Bash
* .NET, Node.js, Flask, Spring Boot, Mendix
* React, Angular, Vue.js
* SQL Server, Oracle, Teradata, DynamoDB
* Azure DevOps, AWS CodePipeline, and Travis CI
* AWS CloudFormation, AWS CDK, Terraform

**Certifications**

* AWS Certified Solution Architect – Professional, AWS Certified DevOps Engineer – Professional, AWS Certified Solution Architect – Associate, AWS Certified Developer – Associate, AWS Certified SysOps Administrator – Associate, AWS Certified Cloud Practitioner
* Azure Fundamentals, Azure Developer Associate
* HashiCorp Certified: Terraform Associate
* Scrum Alliance CSM, SAFe v4 Scrum Master
* Mendix Rapid Developer

**Work and Volunteering Experience**

**Amazon Web Services | Commercial Architect**

December 2021 – present | Los Angeles, California

* Member of the OPTICS team
* Supporting AWS's largest and most strategic accounts with cost and performance optimization
* Helping customers build and maintain successful cloud financial management programs and FinOps practices
* Analyzing complex cost and usage datasets to identify and facilitate the implementation of significant optimization opportunities
* Conducting technical deep dives for customers for AWS offerings, including EC2, EBS, S3, DynamoDB, RDS, Graviton, and spot
* Building queries, visualizations, and scripts for data analysis using SQL, QuickSight, and Python
* Providing software development support for internal tooling

**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

**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 CodePipeline
* Reviewed service control policies and security remediation logic for new services to be sanctioned in the enterprise accounts

**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 served 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
* Administered secrets rotation and organizational change management
* Maintained customer relations and performed quality control on struggling projects
* 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