

D. Fisher Evans

Lead Software Engineer

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I am a Software Engineer that enjoys working on all aspects of my projects - from planning to deploying to operating. I believe empowering engineers by granting them autonomy to their solutions is the key to awesome results; operations, QA, architecture, design, development: it all belongs to the teams solving the problems. Often times, the missing key to a successful product is direct customer feedback. If we're not solving their problems, we're not doing the right thing.

SKILLS & STRENGTHS

JAVA	Spring, Streams & λ 's, Undertow, Jetty, Hibernate/JPA
SECURITY	OAuth 2.0, OIDC, SAML, PingFederate, Okta, AWS IAM
BROWSER	HTML/CSS, JavaScript, React, JQuery, AJAX
SYSTEMS/INFRA	Terraform, CloudFormation, Tomcat/JBoss, Docker
BUILD/SCRIPTS	Maven, Ant, CodeBuild, Jenkins, Bash, Python, Node
TESTING	JUnit, Mockito, Sauce Labs/WebDriverIO, Cucumber
STORAGE	DynamoDB, S3, MySQL/Aurora, Oracle
MESSAGING	SNS, SQS, Kinesis, Dynamo Streaming, SES, RabbitMQ
COMPUTE	ECS, Elastic Beanstalk, EC2, AWS Lambda
DEPLOYMENT	CICD, Automated Testing, Blue/Green, Mainline Dev.
OPERATIONS	CloudWatch, Pager Duty, SumoLogic, New Relic
PROCESS	Git, Rally, Scrum, Agile, Pair Programming

I like working in the JVM and have spent a lot of time living in AWS. I have a passion for CICD, automated testing, and repeatable infrastructure. I prefer UNIX based development environments.

EDUCATION

VERMONT TECHNICAL COLLEGE

GRADUATED	May 2015
DEGREE	Bachelor of Science in Software Engineering
CLASSES OF INTEREST	Advanced Compilers, QA & Testing, Technical Project Management, System Analysis & Design, Parallel Programming, Advanced Algorithms & Data Structures, Artificial Intelligence, Computer Graphics, System Administration, Physical Simulations

BURLINGTON TECHNICAL CENTER

GRADUATED	June 2011
HONORS	Highest Achieving Student in Comp. Sci. (2010, 2011)
ACHIEVEMENTS	CompTIA A+ Certification (July 2010)

**WORK
EXPERIENCE****COX AUTOMOTIVE INC. / DEALER.COM (Burlington, VT)**

JOB TITLES	Lead Software Engineer	(May 2018 - Present)
	Senior Software Engineer	(Aug 2017 - May 2018)

As a scrum team-lead, my group architected, designed, and implemented an authentication/authorization platform for all of Cox Automotive to adopt. This cloud-native platform encapsulated OAuth 2.0 API security, user management, permissions and customer organizational APIs. This required frequent communication and collaboration with many various teams all over the United States.

I was crucial in the planning and design of this central platform that supports hundreds of developers and their applications. During this project I helped form and lead a brand new agile scrum team. In addition, I helped interview and bring onboard many team members, both locally and accross state-lines, as the release train grew.

JOB TITLES	Software Engineer II	(Jun 2016 - Aug 2017)
	Software Engineer I	(Nov 2015 - Jun 2016)

My team and I lead the forefront of the AWS cloud migration efforts for Dealer.com and Cox Automotive. I played a key role in designing and implementing brand new, cloud-native APIs and data-processing pipelines to support the ingest of hundreds of thousands of digital sales leads per day.

SYSTEMS & SOFTWARE (Williston, VT)

JOB TITLES	Software Engineer	(May 2015 - Nov 2015)
	Software Engineer Intern	(May 2013 - May 2015)

As the lead WebConnect developer, my team and I maintained and extended a feature-rich, enterprise web-portal and its backing APIs for utility service customers that followed modern standards such as responsive design and user accessibility.

ROSE COMPUTER TECHNOLOGY SERVICES (South Burlington, VT)

JOB TITLE	Systems Engineer	(Feb 2012 - May 2013)
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I managed small to medium sized business computer networks and domains. Frequently worked one-on-one with end-users to resolve their issues.

BURLINGTON SCHOOL DISTRICT (Burlington, VT)

JOB TITLE	Webmaster	(Jun 2011 - Oct 2011)
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I led the district in refactoring their legacy web system to a state-of-the-art CMS. I also designed and fabricated automated web processes and applications.

PERSONAL**HOBBIES**

When the weather cooperates, I love going out and exploring with my wife, Lisa. The smallest adventures can sometimes be the best. I always have at least one rotating hobby; especially those that allow me to create things for myself or others.

THE SUNNY DAYS	Swimming, nature walks, frisbee, local culture & food
WET AND GRAY	Board games, woodworking, pool, circuitry, piano