

# Alex Lepinski

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✉ alexjlepinski@gmail.com    🔗 <https://AlexLepinski.github.io>

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## TECHNICAL SKILLS

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**Programming Languages** C#, TypeScript, JavaScript, Java, LESS, Sass, CSS, T-SQL  
**Frameworks & Tools** React JS, VueJS, Docker, Kubernetes, ASP.NET, ASP.NET Core, NodeJS, Azure, Amazon Web Services, Webpack, HTML5, Razor, Spring, SSIS, Git

## WORK EXPERIENCE

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| APR. 2018<br><i>Present</i> | <b>Full Stack Developer</b><br>Jet Global - <i>Portland, OR</i> <ul style="list-style-type: none"><li>• Developed and migrated existing front-end code to a modern React app using TypeScript</li><li>• Wrote back-end services in C# and exposed REST APIs in .NET and .NET Core</li><li>• Added Storybook to help develop reusable React components</li><li>• Added Jest and Enzyme for front-end testing</li><li>• Assisted with adding JavaScript testing in Azure Build Pipelines</li><li>• Created NPM Azure Artifacts and utilized CI/CD</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                         |
| JAN. 2013<br>APR. 2018      | <b>Systems Development Engineer</b><br>Center for Applied Systems and Software - <i>Corvallis, OR</i> <ul style="list-style-type: none"><li>• Created modern TypeScript SPA using React with .NET Core, .NET 4.6, Java Spring, and NodeJS</li><li>• Created and hosted Docker containers using Kubernetes in AWS</li><li>• Utilized Jest and Enzyme for front-end testing and Storybook for development of React components</li><li>• Created NPM packages for sharing reusable React components</li><li>• Created FOSS .NET core apps for Smarter Balanced and .NET apps for USDA and OSU</li><li>• Utilized TravisCI to automate testing, building, and deployment of applications to cloud services</li><li>• Managed and led a group of 6 college-level students and taught fundamentals of software engineering with real-world applications</li><li>• Worked directly with customers and created agile project plans with time and cost estimates</li></ul> |

## PROJECTS

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| AUG. 2016<br>PRESENT   | <b>Smarter Balanced Sample Items &amp; Item Viewer Service</b><br><i>Center for Applied Systems and Software</i> <p>An open source .NET Core web application hosted in AWS using Docker. Teachers, parents, and students use this application to search for test items, understand scoring, and interact with test items using Item Viewer Service. This application will be used by 4,700 educators and will support up to 5,000 concurrent users. Item Viewer Service, a Java web application hosted in AWS using docker. This application exposes Smarter Balanced's item rendering service.</p> |
| JUNE 2014<br>PRESENT   | <b>Oregon State University Plant Breeding Program</b><br><i>Center for Applied Systems and Software</i> <p>Full stack ASP.NET 4.6 MVVM web application (SSRS, SSIS, SQL).<br/>Web application to assist breeders to determine quality of species, track species, create visual representations of fields, and to record phenotypic information.</p>                                                                                                                                                                                                                                                 |
| APR. 2013<br>MAR. 2017 | <b>Oregon State University Applicants &amp; Student Tracking</b><br><i>Center for Applied Systems and Software</i> <p>A Salesforce application with custom apex code to track student data. Parameters tracked included progress, admission rates, online application submissions, admission processing, and student events. More than 3,000 applicants a year are processed using this application and over a thousand tracked students.</p>                                                                                                                                                       |

## EDUCATION

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| SEP. 2010 | <b>Computer Science</b> , Computer Systems Option |
| APR. 2014 | Oregon State University - <i>Corvallis, OR</i>    |