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Lee M. Raulin

Professional Summary

Passionate and motivated self-taught programmer with two years of experience developing full stack applications.

Work History

Smoothstack - Software Engineer

Fairfax, VA

12/2019 - 09/2020

- Implemented business components using Spring dependency injection and access them using Spring-provided annotations.
- Designed layout for cross-device compatibility using Bootstrap, HTML5, and CSS3.
- Performed Continuous Integration with Jenkins and Docker to build, ship, and run distributed applications.
- Wrote automated Gulp tasks and application environment as appropriate for development, staging, or production.
- Designed and developed business components as REST microservices in Java using Spring Boot, and in JavaScript using Node JS and AWS Lambda.
- Secured AWS API Gateway endpoints using custom authorization logic with AWS Lambda authorizer.
- Developed and tested websites using SERN (MySQL, Express, React JS, Node JS) stack.
- Created and deployed single-page applications (SPA) using React and Redux.
- Built applications for the cloud using AWS.
- Deployed on EC2 instances, ECS, S3, AWS Lambda, and API Gateway and connected to databases on RDS.
- Configure AWS Security Groups.
- Styled responsive applications with Bootstrap and CSS.
- Used MySQL to store user data.
- Wrote unit tests using Mocha and JUnit.
- Helped create CI/CD pipeline using Jenkins and AWS Code Pipeline.
- Wrote shell scripts for Jenkins jobs.

Workforce Opportunity Services - Full Stack Web Developer

Washington, DC

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- github.com/lraulin
- linkedin.com/in/leeraulin

Skills

Languages: JavaScript, Java, Python, C#, Bash

Front End: React, Angular, HTML5, CSS3, Bootstrap 4

Back End: Rest API, microservice architecture, Spring, Hibernate, JDBC, Node, Express, PostgreSQL, MySQL, Google Firebase, AWS (EC2, S3, RDS, ECS, etc)

Testing/Automation/Misc: CI/CD, Jenkins, Docker, Mocha, Jasmine, Mockito, Git, NPM, Swagger, Agile, Scrum, Windows OS, macOS, Linux

Education

11/2013

Northcentral University

Scottsdale, AZ

Master of Arts: Psychology

11/2017

Samyutech .NET Bootcamp

Online

Microsoft .NET Best Practices

09/2018 - 09/2019

- Rewrote from scratch a web app using JavaScript (ES6), Node/Express, React/Redux, PostgreSQL, AWS (E2, S3, RDS) that monitors Twitter for keywords associated with transportation-related incidents and displays them on a map.
- Wrote budget proposal for AWS infrastructure, which was accepted. Deployed to personal AWS and Vultr as staging environments. Demo Link:
<https://incidentreport-map.firebaseio.com> Repo Link:
<https://github.com/lrauln/incident-map>
- Created a NodeJS console app and deployed to a government BIND (Linux) server, where it is run hourly with a cron job to monitor DNS servers for compliance to federal security policies. Repo Link:
<https://github.com/lrauln/dns-audit>
- Created a Python script to parse a CSV spreadsheet file, parse the text in one of the columns, and output a new CSV file with the extracted data in a separate column, as well as other changes to make the file more useful for the target audience. Repo Link:
https://github.com/lrauln/syslog_analytics
- Created a Python script to extract spreadsheet (CSV) attachments to a PDF report on security vulnerabilities and then find and process relevant files to create spreadsheet files in a more convenient/useful format, which the script then emails to a distribution list via Outlook 365.
- Led a training session for coworkers in Python and Linux terminal fundamentals

Programming

Created web apps using n-tier architecture: C# data objects for business layer connecting to MS SQL Server on back-end via ADO.NET, with ASP.NET Webforms for presentation layer.

08/2019

Free Code Camp

Online

Legacy Front End Developer Certification
Estimated 400 hours of coursework in HTML, CSS, JavaScript, jQuery, and React, including multiple projects.

08/2019

Free Code Camp

Online

JS Algorithms And Data Structures
Certification

Estimated 300 hours of coursework, including dozens of algorithm challenges.