

# KARL GENTNER

QA ENGINEER | SDET

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## FRONT-END

JAVASCRIPT  
HTML5  
CSS3  
BOOTSTRAP  
JQUERY  
REACT  
RAZOR

## BACK-END

.NET CORE  
NODE.JS  
EXPRESS  
MONGODB  
MS SQL

## TESTING

MTM  
SELENIUM  
XUNIT.NET  
JEST  
MOCHA  
CHAI

## OTHER

GIT  
TFS  
VS CODE  
TRAVIS CI

## SUMMARY

Quality Assurance Engineer & SDET with experience in test automation and software development. Versatile and enthusiastic team member with strong communication skills, a passion for learning new technologies, and the curiosity required for complex testing and technical investigation.

## PROJECTS

### AWSOM - ANDREW WHITE SCHOOL OF MUSIC 08.2018 - 10.2018 FRONT-END SOFTWARE DEVELOPER

- Collaborated with a team of 8 to create a scheduling tool prototype.
- Developed front-end with React, using Formik and Yup libraries for form validation.
- Designed automated snapshot UI tests with Jest framework.

**Technologies:** React, Formik, Yup, Jest, Node.js, Express, MongoDB

### REGGIE - NON-PROFIT HEALTHCARE COMPANY 10.2017 - 10.2018 FULL-STACK SOFTWARE DEVELOPER

- Designed and developed web application to help healthcare staff register patient insurance.
- Created with .NET Core MVC, leveraging Entity Framework ORM to manage SQL database migrations.
- Designed unit tests with xUnit.net and performed functional testing prior to each release.

**Technologies:** .NET Core MVC, Razor, Bootstrap, jQuery, MS SQL, and xUnit.net

### SPIDR - PROVIDENCE HEALTH & SERVICES 05.2015 - 03.2017 QUALITY ASSURANCE ANALYST

- Managed testing effort for pivotal reports and applications developed for the SPIDR dashboard.
- Created complex test plans and executed test cases to ensure high quality by utilizing functional, system, regression, performance, and data validation testing.
- Updated and maintained codebase for automated front-end build verification tests.
- Reported and triaged bugs, investigated root causes of defects, and provided critical feedback to the software development team.
- Participated in weekly scrum meetings for monthly sprints and contributed quality assurance perspective to the analysis of risks and discussions of continuous improvement.

**Technologies:** Selenium, C#, MS SQL, MTM, TFS

## EMPLOYMENT

- |  |                                 |                     |
|--|---------------------------------|---------------------|
| ▶ <b>Software Developer</b> - Seattle, WA    | • self-employed                 | • 04.2017 - Present |
| ▶ <b>QA Analyst</b> - Seattle, WA            | • Providence Health & Services  | • 05.2015 - 03.2017 |
| ▶ <b>Acoustical Consultant</b> - Seattle, WA | • BRC Acoustics / Pressure Wave | • 11.2006 - 10.2014 |
| ▶ <b>Recording Engineer</b> - Atlanta, GA    | • RIOT Atlanta / Sync Sound     | • 04.1998 - 08.2005 |

## EDUCATION

- |   |                               |                     |
|---|-------------------------------|---------------------|
| <b>Code Fellows</b> - Seattle, WA                 | • CERT: Full-Stack JavaScript | • 10.2014 - 12.2014 |
| <b>Rensselaer Polytechnic</b> - Troy, NY          | • MS: Architectural Acoustics | • 08.2005 - 12.2006 |
| <b>Florida State University</b> - Tallahassee, FL | • BA: American Studies        | • 08.1991 - 12.1995 |

## CERTIFICATION

- |   |                         |           |
|---|-------------------------|-----------|
| <b>ISTQB Foundation Level Certification</b> | • CTFL Certified Tester | • 03.2016 |
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