KARL GENTNER

SOFTWARE DEVELOPER

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FRONT-END
JAVASCRIPT
HTML5
CSS3
BOOTSTRAP
JQUERY
REACT
RAZOR

BACK-END
.NET CORE
NODE.JS
EXPRESS
MONGODB
SQL SERVER

TESTING
ESLINT
SELENIUM
XUNIT.NET
JEST

OTHER
GIT
TFS
VS CODE
SKETCH
INVISION

SUMMARY

Software developer with experience building and testing software solutions for internal business groups. Versatile and enthusiastic team member with strong communication skills, an eye for detail, and a lifelong passion for learning new technologies.

PROJECTS

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

- Collaborated with a team of 8 to create the prototype of an automated music teacher scheduling tool.
- Designed conceptual mock-up using Sketch to create wireframes and InVision to present user-flow.
- Developed front-end with React, using Formik and Yup libraries for form validation.
- Created snapshot UI tests with Jest.

    Technologies: React, Formik, Yup, Jest, Sketch, InVision
    Link: github.com/TeamAwsom/awsom-front-end-react-only

REGGIE - PROVIDENCE ST. JOSEPH HEALTH   10.2017 - 10.2018
FULL-STACK SOFTWARE DEVELOPER

- Worked directly with the business to design and develop REGGIE, a web application to help the healthcare staff of clinics and hospitals accurately register patient insurance.
- Developed with .NET Core MVC, leveraging Entity Framework to manage SQL database migrations.
- Utilized Razor and Bootstrap to provide a simple responsive front-end design.
- Created unit tests with xUnit.net and performed manual testing prior to each release.

    Technologies: .NET Core MVC, Razor, Bootstrap, SQL Server, and xUnit.net
    Link: github.com/kgentner/insurance-reference-app

SPIDR - PROVIDENCE HEALTH & SERVICES   05.2015 - 03.2017
QUALITY ASSURANCE TEST LEAD

- Updated and maintained automated front-end build verification tests of Providence's IT business performance dashboard, SPIDR.
- 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.

    Technologies: Selenium, C#

EMPLOYMENT

▸ **Software Developer -** Seattle, WA	• self-employed	• 04.2017 - Present
▸ **QA Analyst -** Seattle, WA	• Providence Health & Services	• 05.2015 - 03.2017
▸ **Acoustical Consultant -** Seattle, WA	• Pressure Wave, LLC	• 10.2010 - 04.2015
▸ **Acoustical Consultant -** Seattle, WA	• BRC Acoustics	• 11.2006 - 03.2009
▸ **Recording Engineer -** Atlanta, GA	• R!OT Atlanta	• 08.2000 - 08.2005
▸ **Recording Engineer -** Atlanta, GA	• Synchronized Sound	• 04.1998 - 08.2000

EDUCATION

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