**Stephen R. Novelli**

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**Software Engineer, Front End**

Continually developing professional who is passionate about using spatial data and analytics to develop GIS print media and web applications for an enhanced user experience. Global thinker with the ability to learn new skills who excels at communicating processes cross-functionally between front-end users, back-end developers, and product consumers. Skilled in working collaboratively with the ability to handle frequently changing deadlines in a rapidly evolving technological environment. Proficient at improving and enhancing workflows by developing and implementing best practice methodologies.

**Professional Skills**

HTML 5 | CSS3 | JavaScript ES6+ | jQuery | MySQL | MongoDB | Node.js | Express.js | React.js | Bootstrap | EmailJS | Git and GitHub Figma | Heroku | Insomnia CI/CD | ArcGIS API for JavaScript | Test Driven Development | Object Oriented Programming

Agile Framework | Form Factor Design and Media Queries | Jira Software | ArcGIS Online | ArcGIS Portal | ArcGIS StoryMaps

ArcGIS Web Apps | ArcGIS Pro 2.5 | ArcGIS Desktop 10.X | Project Planning & Implementation | Data Analysis & Visualization

Quality Control & Quality Assurance | Cross-Functional Collaboration | Windows PC |OS for mac | Android & iOS for Mobile

**Projects**

**Stephen Novelli Portfolio** | https://github.com/snovelli1021/snovelli-portfolio | https://snovelli-portfolio.herokuapp.com/

**Summary:** A collection of my experience and education with GIS and full stack web development.

**Role:** Sole author

**Tools:** HTML, CSS, JavaScript, Bootstrap, React, EmailJS, Google Fonts Node.Js, Heroku.

**Professional Experience**

**City of Everett**

***Engineering Technician* 08/2021 – Present**

Utility Mapping team lead for converting Classic StoryMaps to ArcGIS StoryMaps, refactored enterprise web maps into scalable web apps for more proficient consumption of data. Authored new public facing feature services and map services for external viewers.

* Continually integrated and deployed maps, data, and graphics for the Bike Routes and Capital Improvement Projects StoryMaps to stay up to date with city-wide projects.
* Indexed city record drawings and geotechnical reports using Laserfiche 11, georeferenced and digitized utility data into GIS.

**Dominion Energy South Carolina**

***GIS Analyst I* 02/2021 – 08/2021**

Primary contact for production support of internal GIS staff. Lead the project team for resolving utility network errors in a production environment and developed workflow standards. Conducted training for ArcGIS Pro and Schneider Electric’s Editor XI. Created analytical GIS print media and engaged in continuous QA/QC of GIS data.

* Conducted ArcGIS Pro training for end users and maintained System Tier Subnetworks in the Utility Network.
* Corrected source data in the Geometric Network to align with the Utility Pipeline Data Model standards and Utility Network rules.

***GIS Specialist II* 01/2020 – 01/2021**

* Performed user acceptance testing in the ArcPro development environment. Lead trainer and point of contact on subject specific GIS.
* Utilized Jira Software to track project tasks and managed lifecycle of tickets throughout the GIS conversion process.

***GIS Specialist I***  **11/2015 – 12/2019**

* Digitized natural gas infrastructure into enterprise GIS and maintained data in tables.

**Education**

**Full Stack Web Development Certificate |** UW Professional and Continuing Education | Seattle, WA | 2022

**B.S. Geoenvironmental Studies & GIS Letter of Completion |** Shippensburg University | Shippensburg, PA | 2015

*Provost Award for the College of Arts and Sciences* | 2013 – 2014