

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