STEPHEN R. NOVELLI

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PROFESSIONAL BIO

Continually developing professional who is passionate about creating user friendly web applications and intuitive application designs. Specializes in utilizing spatial data and analytics to develop GIS print media and web applications for an enhanced user experience. Global thinker who excels at communicating cross-functionally, with product consumers, or end-users. Skilled in working collaboratively, enhancing workflows, and meeting deadlines in a rapidly changing technological environment.

WORK 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 GIS print media and web maps for internal and external audiences.

- Assembled an internal ArcGIS Dashboard and all its content, data, and graphics for water main repairs throughout the city of Everett.
- Continually integrated and deployed maps, data, and graphics for the Capital Improvement Projects StoryMap to stay up to date with city-wide projects.
- Developed schema and metadata for Capital Improvement feature layers that align with enterprise GIS standards and Project Engineering's scope of work for Dashboard integration.
- Maintained city bicycle route data layers and web maps to ensure the City of Everett bike routes StoryMap remained current with city wide assets.

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. Primary 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 assets from engineering designs into enterprise GIS.

PROFESSIONAL SKILLS

GIS | ArcGIS Pro | ArcGIS Maps SDK for JavaScript | ArcGIS Online | ArcGIS Portal | ArcGIS StoryMaps | ArcGIS Web Apps

Front End Development | HTML | CSS | JavaScript | React.js | Bootstrap | Figma | Form Factor Design | Media Queries

Back End Development | MySQL | Node.js | Express.js | RESTful API

Operational | Git and GitHub | Heroku | CI/CD | Agile Framework | Jira Software | Project Planning & Implementation | Data Analysis & Visualization | QA/QC

Soft Skills | Effective Communicator | Teamwork | Adaptability | Bias for Action | Problem Solver | Creative | Resourceful | Think BIG | Ownership | Dive Deep

PROJECTS

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

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

Role | Sole author.

Tools | HTML | CSS | JavaScript | React.js | Bootstrap | EmailJS | Google Fonts | Node.js | Heroku

EDUCATION & HONORS

Full Stack Web Development Certificate | University of Washington Professional and Continuing Education | Seattle, WA | 2022 - 2023

B.S. Geoenvironmental Studies & GIS Letter of Completion | Shippensburg University | Shippensburg, PA | 2011 - 2015

Provost Award for the College of Arts and Sciences | Shippensburg University | 2013 - 2014