Conor Donnelly

Minneapolis, MN

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SUMMARY

Full Stack Web Developer with a B.S. degree in Geography (GIS) and a passion for life-long learning. Valued team member providing support for business analysis, data analytics, cloud service administration, data modeling and design. Effective at translating complex business requirements for both technical and non-technical staff. Skilled collaborator and communicator, driven by relentless curiosity to seek out solutions for bugs and also discover new possibilities for improving application design.

TECHNICAL SKILLS

Languages: JavaScript ES6+, CSS3, HTML5, SQL, NoSQL, MongoDB, MySQL, Express, React, Node, Handlebars, jQuery, Bootstrap

Tools: ArcGIS Pro, ArcSDE, Oracle 19c, PostgreSQL, PostGIS, TOAD, SQL Developer, GitHub, Azure Cloud, Postman, Insomnia, Jira, Assembla, DocuSign

PROJECTS

Bootcamp Capstone Project | github.com/riversidempls/18-Mongo_SocialNetwork | mongo-social.herokuapp.com/
- Summary: React application that displays geocoded public data about Covid grants to restaurants from the Department of Labor and Industry using Leaflet.js and D3.js
- Role: Created MongoDB models to import JSON data. Configured Leaflet to display geocoded addresses and D3 to produce summary charts by state
- Tools: React, Leaflet.js, D3.js, MongoDB, Heroku

eLINK Next Generation Project | elink.bwsr.state.mn.us
- Summary: C# .NET web application for tracking locations of conservation practice outcomes for State of Minnesota grant funding to local governments
- Role: Provided technical analysis to deploy first production cloud application for MNIT - BWSR. Worked with subject matter experts to identify critical business needs and find solutions to project obstacles
- Tools: Azure Cloud Services, Microsoft IIS 7, Oracle 19c, TOAD

EXPERIENCE

Senior Application Support Specialist   **2021 - present**
MN Enterprise IT Services (MNIT)   **St. Paul, MN**

Provide technical expertise and project guidance for four different production web applications supporting critical business functions for the MN Board of Water and Soil Resources.
Key Accomplishments:
- Successfully launched eLINK, the first business application into the Azure Cloud
- Reviewed application security scans for vulnerabilities and mitigated risks through patching
- Prepared legacy database for migration by validating and comparing design changes
- Researched DocuSign integration with web applications and tested process in sandbox

eLINK Coordinator   **2006 - 2021**
MN Enterprise IT Services (MNIT)   **St. Paul, MN**

Provided technical support, business and data analysis for eLINK, a grants management and conservation practice tracking web application with over 1,600 users statewide.
Key Accomplishments:
- Supported project transition from a desktop VB app to a modern .NET web app
- Worked with multiple vendors to inventory application bugs and find solutions to database migration issues
- Evaluated changing business requirements resulting from the passage of MN Clean Water Legacy amendment

GIS Specialist   **2000 - 2006**
MN Board of Water and Soil Resources (BWSR)   **St. Paul, MN**

Created map products as needed support BWSR's evolving business needs. Maintained a Geodatabase in ArcSDE on Oracle 11g and used ArcIMS to serve spatial data via eLINK. Wrote and executed SQL queries using TOAD. Designed and generated reports as needed using Crystal Reports Engine. Coordinated training plans and tech support for over 400 eLINK users statewide, including SWCD, county, watershed districts and other state agencies that rely on eLINK to track grant funds.
Key Accomplishments:
- Helped easements and engineering staff transition from using AutoCad to ArcGIS Desktop for preparing required legal documents in the easement acquisition process
- Prepared, printed and mailed out dozens of poster sized maps for MN townships to collect flood damage inventory in the Red River Basin
- Evaluated changing business requirements resulting from the passage of MN Clean Water Legacy amendment

EDUCATION

Certificate in Full Stack Web Development
University of Minnesota   **Minneapolis, MN**

Bachelor of Science in Geography
University of Minnesota   **Minneapolis, MN**