JOSHUA BOWEN

Junior Web Developer | Full Stack

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SUMMARY

Analytical and results-driven GIS professional with a background in Utility Sector operations, transitioning to a Web Developer role. Possessing a master's degree in Geography and a comprehensive skill set acquired through a Web Development Bootcamp. Adept at leveraging analytical processes to drive quality improvements and fostering efficient workflows.

WORK EXPERIENCE

Web Developer

Freelance Contractor

Nov 2023 – current

- Designed and built websites for various customer bases.
- Utilized both traditional creation as well as web hosting services to create and publish websites.
- Consulted with and quoted prospective customers for web development products.

GIS Analyst

Duke Energy – ECI Environmental Consultants

Nov 2021 – current

- Spearheaded the revamp of QA/QC processes, resulting in a 200% increase in team efficiency.
- At times led a team of up to 5 analysts and provided support and resources for members of our department as well as others.
- Initiated processes, developed scripts, and created models to streamline workflow and reduce necessary manhours.

GIS Field Coordinator

Davey Resource Group

May 2021 – Nov 2021

- Utilized software to collect, create, and analyze geographic components of rural utility infrastructure.
- Implemented a strategic overhaul of installed technologies as a precursor to a system upgrade.

EDUCATION

Full Stack Development

MERN Stack Development

UNC Chapel Hill Bootcamp

Aug 2023 – Jan 2024

M.A.

Geography & Planning

Appalachian State University

Aug 2019 – Dec 2021

B.S

Environmental Science

Appalachian State University

Aug 2015 – May 2019

SKILLS

- HTML 5
- CSS3
- JavaScript
- React.js
- Node.js
- Express.js
- MySQL, MongoDB
- MERN Stack
- Git
- ArcGIS Pro
- Python
- Data Management
- Quality Assurance
- Team Leadership
- Training