



AARON AUSTIN

Louisville, KY

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SUMMARY

Aspiring Web Developer transitioning from a background in Optical Engineering with strong analytical and design skills. Actively enhancing web development expertise through Code Louisville and Colt Steele's Web Development Bootcamp, focusing on JavaScript, React, Node.js, and SQL. Eager to leverage engineering problem-solving skills and new web development knowledge to create innovative and responsive web applications.

WORK EXPERIENCE

Fibersmith

Jan 2024 - Present

Network Engineering Consultant

Remote

- Designed construction projects by studying project concepts, architectural drawings, and models, resulting in efficient project planning and execution
- Prepared engineering designs by collecting and studying reports, maps, drawings, blueprints, aerial photographs, and tests on soil composition, terrain, hydrological characteristics, and related topographical and geologic data, ensuring accurate and reliable design outcomes
- Determined project costs by calculating labor, material, and related costs, which facilitated budget management and cost efficiency
- Prepared feasibility studies by analyzing engineering designs, conducting environmental impact studies, and assembling data, leading to informed decision-making and project viability assessments
- Confirmed adherence to construction specifications and safety standards by monitoring project progress, inspecting the construction site, and verifying calculations and placements, ensuring compliance and safety
- Prepared, submitted, and obtained approval for environmental permit applications, ensuring compliance with regulatory standards
- Attended Planning Board meetings and collaborated with Directors and DOT to secure project approval, facilitating smooth project progression
- Provided engineering information by answering questions and requests, enhancing team understanding and project efficiency
- Complied with federal, state, and local legal requirements by studying existing and new legislation, advising management on necessary actions to ensure legal adherence
- Maintained project data and drawings, ensuring accurate and up-to-date records for project continuity
- Contributed to team efforts by completing network design tasks using Microsoft Access, enhancing customer engagement and service

South Central Indiana REMC

Mar 2021 - Jan 2024

OSP Fiber Optic Engineer/ QA Analyst

Remote

- Overseeing and completing 5000+ projects utilizing
- ArcGIS, ESRI, MapCom, Futura, and AutoCAD.
- Providing quality control, drafting and designing
- fiber optic layouts while providing FTTH Network
- Infrastructure connectivity.

Morphew Engineering Group Inc

Aug 2020 - Mar 2021

OSP Fiber Optic Engineer

Louisville, KY

- Overseeing and completing 5000+ projects utilizing
- ArcGIS, ESRI, MapCom, Futura, and AutoCAD.
- Providing quality control, drafting and designing
- fiber optic layouts while providing FTTH Network
- Infrastructure connectivity.

Charter Communications

May 2020 - Aug 2020

Controls Analyst I

Louisville, KY

- Analyzed mass outage data nationally using ArcMap, improving data accuracy and response times
- Created spreadsheets for reporting mass outage data using Microsoft Access, enhancing data presentation and accessibility
- Conducted over 300 quality assurance checks to verify data accuracy, ensuring reliable reporting and decision-making

McKesson

Jan 2019 - Feb 2020

Case Manager

Louisville, KY

- Collaborated with various disciplines to provide cohesive care to patients, resulting in improved patient satisfaction and streamlined care processes

- Took active role in patient and family planning process, detailing instructions and responding appropriately and effectively to question and concerns.
- Consulted with clinicians to devise and manage effective ongoing care plans for at-risk patients.
- Identified care needs of individual patients and coordinated responses based on physician advice, insurance limitations and procedural costs.
- Assisted patients in receiving appropriate, high-quality care, leading to reasonable health outcomes and increased patient satisfaction
- Reported plans, findings, and results to employers and insurance carriers, ensuring clear communication and facilitating informed decision-making
- Updated patient charts using iCMS with data such as medications to keep records current and support accurate treatments.
- Explained course of care and medications, including side effects to patients and caregivers in easy-to-understand terms.

EDUCATION

Western Governors University

Sep 2023 - Oct 2025

Bachelor of Science - BS, Computer Software Engineering

Fern Creek High School

Jan 2009 - Jan 2013

Business and Management, High School/Secondary Diplomas and Certificates

SKILLS

- Network Services, Time Management, Project Management, ESRI, MapCom, Futura, ArcGIS, ArcMap, GIS, Microsoft Access, Sales, Customer Service, Customer Oriented, Customer Engagement, Customer Support, Computer-Aided Design (CAD), Architectural Design, Computer Gaming, HTML, JavaScript, Web Development

CERTIFICATIONS

- **Web Development I:**
- **Responsive Web Design:**
- **Web Development II:**
- **Software Development I:**