CHRISTOPHER HOLLAND

SOFTWARE ENGINEER

CONTACT

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https://github.com/Christopher-Holland

https://christopher-holland.github.io/portfolio/

REACT, JAVASCRIPT, HTML5, CSS3
NODE.JS, EXPRESS.JS, RESTFUL
APIS
MONGODB, MONGOOSE, NOSQL
JWT AUTHENTICATION, BCRYPT
GIT, GITHUB, VITE, POSTMAN
TAILWINDCSS, RESPONSIVE
DESIGN
RENDER, VERCEL DEPLOYMENT
PROBLEM SOLVING AND
DEBUGGING
COLLABORATION
TIME MANAGEMENT
CLEAN, MAINTAINABLE CODE

Full-Stack Developer with a strong foundation in software design, problem-solving, and system optimization. Transition from six years as a CAD technician, bringing proven expertise in translating complex requirements into efficient, user-friendly solutions. Experienced in full-stack development with the **MERN** stack (MongoDB, Express, React, Node.js) and deploying responsive, scalable applications. Holds a **B.S. in Software Engineering (GPA: 3.97)** and a deep commitment to writing clean, maintainable code while delivering impactful digital solutions.

WORK HISTORY

ENTrust Solutions – Senior CAD Technician
Catlettsburg, KY | August 2019 – Present
- Led design and optimization of underground gas utility layouts, improving safety and operational efficiency.
- Enhanced **GIS mapping systems**, enabling more accurate infrastructure planning and data analysis.
- Streamlined documentation and version control, improving interdepartmental coordination and project delivery times.
- Created detailed paving and restoration plans that reduced project costs and improved scheduling accuracy.
- Recognized for consistently delivering high-quality, precise design work under tight deadlines.

AeroTek - Drafter
Maysville, KY | February 2019 – August 2019
- Reviewed and revised technical drawings to ensure compliance with project and industry standards.
- Collaborated with engineers to maintain up-to-date project documentation, improving team efficiency.
- Identified design discrepancies and contributed to enhanced **quality control** and process accuracy.
- Streamlined data entry and documentation workflows, reducing retrieval time and minimizing errors.

Nesco Resources – Press Operator
Maysville, KY | January 2019 – January 2019
- Operated and maintained press equipment to ensure continuous production efficiency.
- Conducted quality inspections of output materials to meet rigorous manufacturing standards.
- Performed regular maintenance and troubleshooting to optimize

machinery performance.

EDUCATION

Bachelor of Science, Computer Science – Software Engineering
Southern New Hampshire University | Aug 2023 – Aug 2025
- GPA: **3.97** | Dean's List every semester

Associate of Arts, Mechanical Design
Maysville Community and Technical College | May 2020 – Jul 2020
- GPA: **4.00** | Dean's List

Associate of Science, General Studies
Maysville Community and Technical College | Aug 2012 – May 2015
- GPA: **3.50** | Dean's List

PROJECTS

My Ledger | MERN Full Stack Web App
- Full-stack personal finance manager built with **MongoDB, Express, React, and Node.js**.
- Features secure JWT authentication, CRUD operations for bills and goals, and an interactive dashboard with visual analytics.
- Deployed using **Render** (backend) and **Vercel** (frontend).
- **Live Demo**: https://my-ledger-cholland.vercel.app/
- **Github**: https://github.com/Christopher-Holland/myledger.git

Developer Portfolio | React and Vite
- Responsive, terminal-style portfolio showcasing full-stack projects and technical skills.
- Built with **React**, **TailwindCSS**, and subtle animations for a modern yet minimalist feel.
- **Live Site**: https://christopher-holland.github.io/portfolio/
- **Github**: https://github.com/Christopher-Holland/portfolio.git