Verdie A. Craig

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Summary

Detail-oriented software developer with a passion for problem-solving and building practical, user-focused applications. Skilled in full-stack development using C#, Python, JavaScript, and SQL, with hands-on experience in cross-platform development, RESTful APIs, and cloud deployment. Recent projects include a personal finance analyzer in Python, a full-stack MERN app for idea management, and a cross-platform Blazor Hybrid recipe manager. Brings strong organization, communication, and mentoring skills from a prior career in higher education. Committed to continuous learning, collaborative development, and delivering accessible, scalable tech solutions.

Technical Skills

- **Languages:** C#, Python, JavaScript, SQL, HTML, CSS
- **Frameworks & Libraries:** .NET MAUI, Blazor Hybrid, Entity Framework Core, React, Node.js, Express
- **Tools:** Git, GitHub, Visual Studio, Visual Studio Code, PowerShell, Git Bash
- **Databases:** SQL Server, MongoDB Atlas
- **Development Areas:** Full-Stack Development, Cross-Platform Applications, RESTful APIs, Data Validation, CLI Applications
- **Other:** Cloud Deployment (Render), Agile Workflows, Technical Documentation, MS Office

Professional Skills

- Instructional Design (Face-to-Face & Online)
- Teaching & Curriculum Development
- Quantitative & Qualitative Research
- Assessment Design & Evaluation
- Written & Oral Communication
- Organization & Attention to Detail
- Problem-Solving & Group Facilitation
- Public Speaking & Mentoring

Languages

English (Native)
Spanish (Proficient – Written & Spoken)
French (Beginner)
Portuguese (Beginner)

Projects

IdeaFile

MERN Stack Full-Stack Web App

- Created a responsive web application for capturing and organizing project ideas.
- Designed and connected a RESTful API with MongoDB Atlas, Express, React, and Node.js.
- Deployed the full stack to Render, integrating GitHub version control and agile iteration

Smart Personal Finance Analyzer

Python CLI Application
- Developed a command-line tool to parse and analyze CSV files of financial transactions.
- Implemented robust error handling, user prompts, and data validation to support accurate reporting.
- Emphasized clean code, reusable functions, and modular design.

RecipeBox

.NET MAUI Blazor Hybrid App
- Built a cross-platform desktop and mobile application for managing personal recipes.
- Implemented full CRUD functionality with local storage.
- Leveraged C#, .NET MAUI, and Blazor Hybrid to deliver a seamless user experience.
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Education & Training

Code Kentucky – Artificial Intelligence Pathway

In Progress

Code Kentucky – Software Development Pathway

Certificate of Completion, April 2025

MBTI® Certified Practitioner – GS Consultants

Issued July 2019
Credential ID: MBTI-2019-GS00099

Rutgers University

PhD, Geography
MS, Geography

University of Kentucky

BA, Education

Employment

Self-Employed – Junior Software Developer

March 2025 – Present
- Designed and built full-stack and cross-platform applications, including a financial CLI tool, recipe manager, and idea-tracking web app.
- Applied Agile principles, version control with Git/GitHub, and cloud deployment practices.
- Continued self-directed learning in modern frameworks and tools including React, .NET MAUI, and MongoDB Atlas.

Morehead State University – Geography Faculty Member

August 2002 – July 2025
- Taught in-person and online courses from general education to graduate-level seminars.
- Mentored students and supervised research projects at both undergraduate and graduate levels.
- Led curriculum development, coordinated academic programs, and served in leadership roles.
- Conducted interdisciplinary research and delivered presentations at academic conferences and invited events.