

Verdie A. Craig

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Summary

Full-stack software engineer with hands-on experience developing and deploying web, desktop, and mobile applications for production environments. Currently developing a protein tracker (in closed testing on Google Play) and building a native Android spam-blocking application. Skilled in C#, Python, JavaScript, Kotlin, and modern frameworks including React Native, .NET MAUI, React, and Node.js. Proven ability to take projects from concept through deployment, with expertise in native and cross-platform mobile development, offline-first architecture, and API integrations.

Technical Skills

- **Languages:** C#, Python, JavaScript, TypeScript, Kotlin, SQL, HTML, CSS
- **Frameworks & Libraries:** React Native, Expo, .NET MAUI, Blazor Hybrid, React, Node.js, Express, Entity Framework Core
- **Databases:** SQLite, SQL Server, MongoDB Atlas, PostgreSQL, Supabase
- **Tools & Platforms:** Git, GitHub, Visual Studio, VS Code, Cursor, Android Studio, Render, Vercel, Google Play Console, PowerShell, Git Bash
- **Development Areas:** Mobile App Development, Full-Stack Development, Cross-Platform Applications, RESTful APIs, Production App Deployment, Offline-First Architecture, Data Validation, Cloud Deployment, CLI Applications
- **Other:** Agile Workflows, Technical Documentation, MS Office

Professional Skills

- 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)

Recent Projects

Protein Tracker

React Native Mobile App (Google Play Closed Testing)

- Developed and deployed a cross-platform protein tracking app using React Native and Expo, currently in closed testing on Google Play Store with plans for full release
- Implemented offline-first architecture with SQLite for data persistence, enabling full functionality without internet connectivity
- Built real-time progress tracking with visual indicators and 30-day history features for comprehensive user insights
- Designed intuitive UI with daily goal setting and seamless data entry for optimal user experience

Dark Lotus Website

Full-Stack Web Application

- Designed and developed a professional business website (darklotus.dev) using HTML, CSS, and JavaScript with custom domain configuration
- Integrated Calendly API for automated consultation scheduling and Resend email service for reliable contact form functionality
- Implemented responsive design principles for seamless experience across desktop, tablet, and mobile devices
- Deployed production website with full backend integration for form handling and appointment booking

Spam Blocker

Android Native App (In Development)

- Building a native Android spam detection and blocking application using Kotlin in Android Studio
- Implementing pattern recognition for intelligent spam detection
- Designing privacy-first architecture with local processing and Android permissions to protect user data

Education & Training

Code Kentucky

Generative AI Pathway Certificate of Completion, October 2025

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

Dark Lotus – Software Developer

November 2025 – Present

- Developing and publishing mobile applications, including protein tracker app currently in Google Play closed testing
- Managing full product lifecycle from ideation through deployment: requirements gathering, UI/UX design, development, testing, and app store submission
- Implementing offline-first mobile architecture with React Native, Expo, and SQLite for optimal performance and reliability
- Conducting user testing and iterating based on feedback to improve app functionality and user experience

Self-Employed – Junior Software Developer

March 2025 – October 2025

- Designed and built full-stack and cross-platform applications, including a financial CLI tool, recipe manager, and idea-tracking web app.
- Applied Agile principles, iterative development, and version control with Git/GitHub.
- Deployed applications to the cloud and emphasized testing, validation, and maintainability.

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.