Verdie A. Craig

✉ craigverdie@gmail.com | 📞 (606) 356-3701

🌐 verdie-craig-portfolio.onrender.com | github.com/VerdieCraig | linkedin.com/in/verdie-craig

Summary

Full-stack software engineer with proven experience building and deploying web, desktop, and mobile applications across the complete SDLC. Proficient in C#, JavaScript, React, and Node.js with expertise in both cloud-based and offline-first architectures. Published nutrition tracking app to Google Play and currently developing a native Android spam-blocking application.

Technical Skills

Languages: C#, JavaScript, TypeScript, Python, Kotlin, SQL, HTML, CSS

Frameworks & Libraries: React, Node.js, Express, React Native, Expo, .NET, Entity Framework Core

Databases: MongoDB Atlas, SQL Server, PostgreSQL, SQLite, Supabase

Tools & Platforms: Git, GitHub, Visual Studio, VS Code, Cursor, Android Studio, Render, Vercel, Google Play Console, PowerShell, Git Bash

Development Practices: Full Software Development Lifecycle (SDLC), RESTful API Development, Unit Testing, Code Reviews, Technical Documentation, Debugging & Troubleshooting, Agile Workflows, Root Cause Analysis

Development Areas: Full-Stack Development, Cross-Platform Applications, Mobile App Development, Production App Deployment, Offline-First Architecture, Data Validation, Cloud Deployment, CLI Applications

Professional Experience

Dark Lotus — Software Developer

November 2025 – Present

- Develop and publish full-stack applications using C#, JavaScript, React, and Node.js, managing complete SDLC from requirements gathering through deployment and testing
- Implement RESTful APIs and backend services using Node.js and Express with MongoDB for data persistence
- Build responsive front-end interfaces with React, ensuring cross-browser compatibility and optimal user experience
- Conduct root cause analysis and debugging to identify and resolve software defects efficiently
- Developed and published protein tracking mobile app on Google Play with SQLite-based offline-first architecture

Self-Employed — Junior Software Developer

March 2025 – October 2025

- Designed and developed full-stack applications using C#, JavaScript, React, and Node.js with focus on code quality and maintainability
- Built financial CLI tool with C# demonstrating strong programming fundamentals and software design principles
- Created recipe manager web application with React frontend and Node.js/Express backend, implementing CRUD operations and RESTful API design
- Applied Agile development practices with iterative development cycles and version control using Git/GitHub
- Deployed applications to cloud platforms (Render, Vercel) with emphasis on testing, validation, and documentation

Morehead State University — Geography Faculty Member

August 2002 – July 2025
- Mentored students and supervised research projects, demonstrating strong communication and guidance abilities
- Coordinated academic programs and served in leadership roles requiring collaboration across distributed teams
- Developed and maintained comprehensive curriculum documentation and educational materials
- Delivered presentations and facilitated group discussions at conferences and academic events

Recent Projects

Protein Tracker

React Native Mobile App (Published on Google Play)
- Developed and published cross-platform nutrition tracking app using React Native and Expo to Google Play Store
- Implemented offline-first architecture with SQLite for local data persistence, enabling full functionality without internet connectivity
- Built real-time progress tracking system with visual progress bars, entry management, and 30-day historical data review
- Designed intuitive UI with customizable daily goals, automatic light/dark mode theming, and guided onboarding for new users

Dark Lotus Website

Full-Stack Web Application
- Designed and developed professional business website (darklotus.dev) using HTML, CSS, and JavaScript with custom domain configuration
- Integrated Calendly API for automated scheduling and Resend email service for 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 native Android spam detection application using Kotlin in Android Studio
- Implementing pattern recognition for intelligent spam detection with privacy-first local processing
- Designing architecture leveraging Android permissions framework to protect user data

Education & Training

Code Kentucky
Generative AI Pathway – *Certificate of Completion, October 2025*
Software Development Pathway – *Certificate of Completion, April 2025*

Rutgers University
PhD, Geography
MS, Geography

University of Kentucky
BA, Education