

## William Ashford

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Full-Stack Developer | React • Node.js • PostgreSQL

## Professional Summary

Driven Full-Stack Developer with a strong foundation in computer science and hands-on experience developing full-stack and mobile applications. Proficient in React, Node.js, TypeScript, and PostgreSQL, with proven success building and deploying production-ready software. Skilled at API integration, testing, and Agile methodologies. Passionate about creating scalable, maintainable, and user-centered applications with clean architecture and cloud-based solutions.

## Technical Skills

Frontend & Mobile: React, React Native, TypeScript, JavaScript

Backend & APIs: Node.js, Express, REST APIs

Databases: PostgreSQL, MySQL, SQLite

Cloud & Deployment: Vercel, Supabase Edge Functions

Programming Languages: Java, Python, C#

Testing & Tools: Jest, Git/GitHub, Agile/Scrum

Core Knowledge: OOP, Data Structures & Algorithms, Software Construction, Security

## Professional Experience

### Founder & Lead Developer — Shareable Meals

Feb 2025 – Present

- Developed and launched an AI-powered iOS meal planning app, available on the App Store.
- Architected full-stack solution using React Native, TypeScript, and Supabase with PostgreSQL backend.
- Integrated AI-based meal generation, pantry image recognition, and nutrition APIs.
- Managed deployments and CI/CD pipeline through Vercel and GitHub.
- Oversaw UX design, testing, and performance optimization for user engagement and scalability.

## Projects

### Chore Quest — In Development, 2025

- Gamified household management app built with React Native and Supabase.
- Features parent/child accounts, leveling system, achievements, and fantasy-inspired RPG themes.

- Designed cross-platform interface and cloud data structure for real-time updates.
- Beta release planned for next month with focus on engagement and usability testing.

### **Household Chore Tracker — Class Project, 2025**

- Developed responsive web app for managing family chores using React and RESTful APIs.
- Built backend with JavaScript, SQLite database, and implemented task CRUD operations.
- Applied Agile methodologies to deliver iterative releases with a small development team.

### **HR Management App — Class Project, 2024**

- Built backend for employee management and authentication using Java (Swing).
- Implemented role-based access control (RBAC) to enhance security and modularity.

## **Education**

Murray State University – Murray, KY

Bachelor of Science in Computer Science — May 2025 | GPA: 3.37

Relevant Coursework: Web Application Development, Data Structures, Software Construction, Computer Security, Algorithms, Machine Learning, Parallel/Distributed Computing

Shawnee Community College – Ullin, IL

Associate of Science — May 2023 | Phi Theta Kappa Honor Society

## **Certifications & Achievements**

- Apple Ads Certification – 2025
- Launched Shareable Meals on the iOS App Store (2025)
- Phi Theta Kappa Honor Society Member