

# Kyle Sanders

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## SKILLS

- *Languages:* JavaScript, TypeScript, Python, Java, SQL, C
- *Frontend:* React, React Native, Vue, HTML5, CSS3
- *Backend:* Node.js, Express.js, Firebase, MongoDB, MySQL
- *Tools & Testing:* Git, Jest, Android Studio, Figma

## WORK EXPERIENCE

### **Ball State University**

#### *Full Stack Developer Intern*

Muncie, Indiana

May 2025 – August 2025

- Built a mobile football prediction application in a four-person agile team using React Native, Typescript, and Firebase.
- Designed Firebase Cloud Functions to manage real-time scoring, game state synchronization, and user predictions.
- Scaled real-time data updates to support 100+ concurrent users per game with sub-second latency.
- Refactored and extended the codebase post-internship as part of a senior capstone project.

### **Geek Squad**

Muncie, Indiana

#### *Consultation Agent*

October 2024 – Present

- Diagnosed and resolved software and system issues across Windows, macOS, and mobile platforms.
- Analyzed system logs and recurring issues to improve resolution time and reliability.
- Communicated technical solutions clearly to non-technical users.

## PROJECTS

### **Food Management System**

#### *Creator*

- Built a full-stack inventory management system using React, Express.js, MongoDB, and Node.js with real-time CRUD operations for tracking food items and stock status.
- Designed and implemented RESTful APIs with Mongoose for data modeling and MongoDB for persistent storage.
- Created reusable React components with hooks and React Router to support admin and customer views.

### **Music Application**

#### *Creator*

- Developed a Java Swing desktop application integrating the Spotify API for personalized music recommendations.
- Implemented genre-based artist and track discovery with randomized selection logic.
- Enabled users to seamlessly create and manage playlists by integrating a robust interface for adding and organizing songs.

## EDUCATION

### **Ball State University**

#### *Bachelor of Science in Computer Science*

Muncie, Indiana

#### *Minor: Business Information Technology*

Expected May 2026

- Dean's list (2023—2025)