

Jacob Redmond

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EXPERIENCE

Independent Software Developer

Mar. 2026 - Present

Privi - Independent Location-Based Mobile Application Project

- Develop and maintain a Flutter/Firebase mobile application supporting user-generated content and proximity-based features.
- Design and evolve Firestore data models and application logic supporting validation, access control, moderation, and location-based workflows.
- Test and debug data, authorization, content-visibility, and backend/client state issues while using Git to track iterative development.

Menards

Jun. 2020 - Present

Receiving

Plover, WI

- Manage high-volume inventory flow and coordinate freight distribution in a fast-paced environment.
- Maintain organization and accuracy while balancing changing priorities and time-sensitive work.

SELECTED PROJECTS

PizzaShoc2Android App

Java, Android SDK, Room

- Developed a multi-screen Android application supporting authentication, menu browsing, cart management, and order history.
- Implemented Room persistence with DAOs and the repository pattern to store, retrieve, and update cart and order-history data across screens.

Database Implementation PHP Project

PHP, MySQL

- Built a PHP/MySQL pizza sales application using relational tables for customers, orders, order items, pizzas, and ingredients.
- Implemented customer and order workflows with regular-expression input validation, inventory checks, relational keys, and database-backed sales and transaction reporting.

EDUCATION

Western Governors University

Jan. 2026

Bachelor of Science, Software Engineering

Relevant Coursework: Advanced Data Management, Data Management - Applications, Back-End Programming, Software Design and Quality Assurance, Software Security and Testing

Nicolet Area Technical College

Apr. 2022

Associate of Applied Science, IT Web Software Developer

GPA: 3.76 - Student of the Year Award

Relevant Coursework: Database Fundamentals, Database Design and Implementation, Programming 2, Programming 3

Technical Diplomas: IT Software Development Specialist; IT Web Development Specialist - Apr. 2021

TECHNICAL SKILLS

Languages: Java, Dart, Python, JavaScript, SQL, PHP, HTML, CSS

Data / Databases: SQL, MySQL, relational database design, data modeling, Firestore, Room, data validation

Frameworks / Tools: Flutter, Firebase, Android SDK, Git, Android Studio, VS Code, Microsoft Office

Concepts: Object-oriented programming, client-server architecture, backend development, software testing, access control

CERTIFICATION

AWS Certified Cloud Practitioner

Jun. 2024