

# Delstun McCray

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## Experience

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### iOS Developer

04/2022 - 08/2023

Midwestern Interactive | Joplin, Missouri

Experienced iOS Developer with 2 years of expertise in crafting intuitive interfaces and personalized features. Collaborates effectively with cross-functional teams and establishes robust client relationships. Proficient in UIKit, Core Location integration, and pioneering ChatGPT for enhanced user engagement.

- Implemented key features that drove a remarkable 1000% increase in user engagement within the first six months.
- Crafted seamless interfaces using UIKit, prioritizing user interactions for an intuitive experience.
- Identified performance bottlenecks causing slow loading times for web pages in mobile application, resolved by implementing optimization techniques such as asynchronous loading of assets and caching mechanisms, resulting in a significant reduction in page load times and enhancing overall user experience.
- Encountered compatibility challenges with the latest iOS updates for mobile application, this was resolved by conducting a codebase review, addressing deprecated functions, and ensuring seamless compatibility, minimizing and maintaining a smooth transition.
- Identified memory management issues causing frequent crashes for users. Conducted in-depth memory profiling, identified and rectified memory leaks, and optimized resource utilization, resulting in a stabilized app with significantly reduced instances of crashes.
- Implemented performance optimizations, successfully reducing the app size by over 60%, enhancing download efficiency, and minimizing user storage space requirements.

## Education, Certifications, and Skills

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**High School Diploma** | St. Helens High School, St. Helens, OR

Graduated 06/2019

**DevMountain** | Certificate Of Completion

Graduated 10/2021

**iOS Development Certificate** | <https://www.credly.com/badges/28cca3bd-befe-4392-bdfa-e61301391b10>

Issued 02/2022

**Davis Technical College** | Kaysville, Utah

08/2024 - Current

**Programming & Development:** Swift | SwiftUI | Objective-C | Xcode | UIKit | Auto Layout | RESTful APIs | Core Data | Networking | Version Control (Git) | Testing | Debugging | Multithreading | Grand Central Dispatch (GCD) | Firebase | Design Patterns | UI/UX Design Principles | Continuous Integration/Continuous Deployment (CI/CD)

**IT & Networking:** Linux | Command Line Interface (CLI) | Scripting | IP Addressing | Subnetting | Routing and Switching (CCNA) | Cisco Packet Tracer

**Virtualization:** Hyper-V | Virtual Machine Configuration

**Hardware & System Troubleshooting** CompTIA ITF+ | Hardware Installation | System Troubleshooting | Basic Cybersecurity Practices

**Collaboration & Project Management Tools:** Jira | Postman | TestFlight | Slack

**Soft Skills:** Communication | Creativity | Patience | Teamwork | Problem-solving | Adaptability | Time Management | Critical Thinking | Technical Writing & Documentation

## Projects

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**Music Goers - Team Project(4-person team)** - <https://apps.apple.com/th/app/musicgoers/id6446001172>

- Orchestrated a streamlined event creation flow, optimizing the user interface to ensure intuitive event setup, and providing tooltips for user guidance.
- Engineered a robust invitation system to tackle complexities in managing event invitees and responses. Incorporated real-time notifications for seamless coordination and improved user engagement.
- Integrated geolocation services to overcome accuracy issues in setting event locations. Introduced a map interface for a more precise and user-friendly experience.
- Elevated in-app messaging reliability by implementing real-time communication optimizations and push notifications. This addressed previous issues, ensuring a smoother and more dependable messaging experience.
- Spearheaded the development of a robust data synchronization mechanism to resolve inconsistencies across multiple user devices. Ensured consistent information and a seamless user experience.

**LolBuilds - Solo Project** - <https://apps.apple.com/th/app/lolbuilds/id1588653972>

- Engineered a modular API integration system, ensuring seamless data flow from diverse APIs with robust error handling and fallback mechanisms.
- Identified and resolved challenges with disparate API data flow by engineering a modular integration system with robust error handling, ensuring seamless data flow from diverse APIs.

- Addressed fragmented content organization challenges by developing a content aggregation feature, empowering users to consolidate content from multiple APIs into a unified item within the app.
- Optimized app performance by identifying and resolving performance bottlenecks in simultaneous API calls. Implemented asynchronous programming and efficient caching mechanisms for enhanced responsiveness.
- Revamped the user interface to address challenges related to complexity. Introduced intuitive controls and visual cues, providing a seamless experience for users navigating diverse content.