

Central Iowa Shelter & Services Employment Opportunity

Position Title: Technical Team Lead - Mobile App and Web Component Development

Schedule: Monday – Friday; evenings and weekends as needed

Classification: Full-Time, Exempt

Office Location: 1420 Mulberry Street, Des Moines, IA 50309

Salary: \$75,000 - \$90,000 per year | **Pay Level:** V

Reports to: VP of Strategy & Venture

Travel Requirements: Travel within the community as needed

About Us:

Central Iowa Shelter & Services has proven time and time again that it is more than a homeless shelter—it is a turning point for adults to regain stability and propel forward toward long-term self-sufficiency. We offer a variety of services far beyond food and shelter and have begun an undertaking to better help the homeless community to find and access resources that are available to them wherever they are. We have already launched an initial version of our mobile app, designed to connect individuals with vital resources and services, and we are looking to expand its functionality and impact. Our mobile app is built using React and TypeScript for the front end, and GO for the backend, targeting both Android and iOS platforms. As we move into the next phase of development, we need a Technical Team Lead to oversee our offsite development team and ensure we continue to deliver a high-quality app that makes a difference in people's lives. An internal facing, integrated Web Component is planned for case management, data collection and reporting.

Position Overview:

As the Technical Team Lead, you will manage and guide a remote, offsite team of developers in completing and supporting the development of our mobile app. Your role will involve establishing and overseeing the technical aspects of the app's architecture, maintaining high standards of quality, and ensuring the team delivers functional, scalable, and secure code in an iterative Agile manner. You'll work closely with key personnel and stakeholders to build out new features and enhance the current app based on user feedback and evolving needs. The app will continue to serve the homeless community by providing access to crucial services, shelter locations, food, healthcare, and other resources. In addition to the mobile app development, you and your team will be responsible for building the integrated web-based component, establishing necessary connections and integrations to ensure usability and effectiveness.

Note: Individuals with lived experience are encouraged to apply.

Duties and Responsibilities include:

Leadership & Team Management

- Lead and mentor a remote offsite team of mobile app developers, providing technical direction and fostering a collaborative environment.
- Conduct regular planning, standups, retrospectives, and code reviews to ensure smooth communication and optimal team performance.

- Ensure the offsite team follows best practices for code quality, testing, and documentation.
- Provide support and troubleshooting for the team, helping to resolve technical blockers and issues as they arise.

Development & Enhancement

- Oversee the completion of the mobile app and web component development, including new feature implementation, bug fixes, and performance optimizations.
- Ensure the app is fully functional on both **iOS** and **Android** platforms, adhering to platform-specific guidelines and performance standards.
- Establish and maintain testing and acceptance process and procedure with key personnel and stakeholders for features and functionality as well as resolution of bug fixes.
- Collaborate with key personnel to prioritize features and improvements based on user feedback and business requirements.
- Ensure backend integration with the **GO**-based backend is seamless and scalable to handle user data securely.

Technical Ownership & Architecture

- Lead the technical design and implementation of key components of the app and web component, ensuring scalability, performance, and security.
- Drive best practices for **React**, **TypeScript**, **GO**, and other technologies, while ensuring that the team is adopting modern development methodologies.
- Work closely with the backend team to ensure robust API integration and a smooth data flow between the front end and backend systems.
- Contribute directly to the codebase, providing hands-on technical expertise where needed.
- Establish, and participate in code review process to ensure best practices are being followed.

Project & Stakeholder Management

- Manage the development lifecycle, ensuring timely delivery of milestones and features.
- Establish and maintain assignment process including documentation and communication of feature requirements and timelines as well as tracking progress in development lifecycle.
- Communicate progress, risks, and technical issues to internal stakeholders, ensuring transparency and alignment.
- Collaborate with key personnel and stakeholders to meet project goals and deadlines.
- Overall direction to be received from CEO and other key stakeholders.
- Expectation of independent problem solving as well as collaboration to foresee, propose and implement solutions for challenges.
- Closely monitors all aspects of development, support and technologies to ensure budgetary constraints are upheld.

Continuous Improvement & Innovation

- Identify opportunities to enhance the app's and web component's functionality, user experience, and performance.
- Partner with service providers and key stakeholders to drive innovative ideas and solutions.
- Keep the team up-to-date with the latest trends and best practices in mobile development (React Native, TypeScript, GO, and mobile-specific technologies).
- Promote a culture of continuous learning, providing guidance and mentorship to developers to grow their skills.

- Other duties as needed or as assigned.

Preferred Qualifications:

- Experience working with teams supporting social impact projects or applications for vulnerable communities.
- Familiarity with mobile performance optimization techniques (e.g., memory management, load time, network efficiency).
- Experience with cloud platforms (AWS, GCP, Azure) and serverless architectures.
- Previous experience in managing large-scale mobile applications.
- Personal experience with homelessness of self or a loved one.

Technical Skills:

- Proficient in **React** and **TypeScript** for mobile front-end development.
- Experience with **GO** for building scalable backend systems.
- Strong knowledge of RESTful APIs, integrating mobile apps with cloud services, and managing databases.
- Familiarity with mobile app deployment for **Google Play** and **Apple App Store**.
- Understanding of mobile security best practices and user data privacy.
- Experience with data security for Personally Identifiable Information.
- Experience creating and integrating web based components for a largely Mobile App driven model.

Leadership & Communication:

- Strong leadership skills, with experience managing a team of developers in a remote or distributed setting.
- Excellent verbal and written communication skills in English, with the ability to translate complex technical concepts for non-technical stakeholders.
- Ability to collaborate effectively with both technical and business personnel and external stakeholders at all levels.
- Ability to manage multiple priorities and deliver high-quality results under tight deadlines.

Education and Experience:

- Bachelor's degree with emphasis in Computer Science, Information Technology, or a related field.
- 5+ years of software development experience with at least 2 years in a leadership or technical team lead role.
- Proven experience managing remote and offsite teams in a distributed work environment.
- Hands-on experience with React Native and TypeScript for mobile front-end development.
- Solid experience with GO for backend development, including building and integrating APIs.
- Experience with Android and iOS mobile app development and deployment processes.
- Strong understanding of mobile app architecture, state management (e.g., Redux, Context API), and cross-platform development.
- Experience integrating mobile apps and web components including data reporting and knowledge of compliance techniques for Personally Identifiable Information.
- Ability to thrive and produce team results with minimal supervision.
- Software Development Life Cycle experience
- Experience in Agile iterative development methodologies.

Physical requirements and work environment:

- While performing the duties of this job, the employee is regularly required to use hands and fingers, feel, talk and hear.
- The employee is frequently required to sit, stand and walk.
- Work will be performed either in an office environment.
- Must be willing to travel as needed to perform job requirements.
- Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions of this position.

Why Join Us?

- **Make a Difference:** This is a chance to directly impact the lives of individuals in need by supporting a mobile app that helps the homeless community access crucial resources.
- **Meaningful Work:** Lead a project that combines cutting-edge technology with a social mission, creating a product that truly makes a difference in the world.

Benefits:

Participation in company health insurance plans, long term disability, short term disability, life insurance, personnel time off and the opportunity to purchase dental and vision insurance.

Central Iowa Shelter & Services is an Equal Opportunity employer. Personnel are chosen on the basis of ability without regard to race, color, religion, sex, national origin, disability, marital status or sexual orientation, in accordance with federal and state law.