



HAMMERTECH

Position Description

Software Engineer (Mobile)

REPORTS TO: Chief Technical Officer

DIRECT REPORTS: Nil

EMPLOYMENT CONDITIONS: Contract of Employment

TENURE: Full time, ongoing position

LOCATION: Richmond, Victoria

START DATE: July 2019

Context

HammerTech is a dynamic and innovative company which provides quality and safety solutions to the construction industry.

Established in 2014 HammerTech is experiencing rapid growth due to the successful implementation of its products on major construction sites in Australia and in North America. The company will soon expand its operations further in both countries.

HammerTech is growing rapidly and requires software engineers to join a growing team, to help ensure that HammerTech continues to innovate in a highly competitive market and maintains a track record of mission critical availability.

1. Job Purpose

Traditionally HammerTech's mobile strategy has been to use Mobile-First web applications. To improve the user experience and capitalise on Native Device capabilities, we are now building a native mobile experience for some features of our application.

This role will be part of a new team, that will be responsible for the creation of the new HammerTech mobile application, working against (and improving) existing APIs, with the goal of achieving feature parity in the mobile application, primarily working with React Native.

Involving primarily front-end development, some backend skills may be required to collaborate effectively with teams working on API and Authentication systems, as well as ensuring effective operational capabilities (logging/application insights/bug crashes).

The Software Engineer (mobile) will also work with and collaborate with other teams and team members to deliver complex product features.

This role will operate in an agile environment, embrace DevOps practices and help mentor other team members as needed.

2. Communication Requirements

Chief Technological Officer

Internal Staff (Customer Success & Technical Support)

Team Members

3. Level of Authority

As delegated by the CTO

4. Special Requirements of the Position

1. Outstanding integrity and capacity to maintain strict confidentiality
2. Current and satisfactory National Criminal History Records Check

5. Job Competency Requirements

Qualifications, Knowledge and Experience

1. Tertiary qualifications in IT/software engineering or equivalent industry experience
2. Experience working on Software as a Service (SaaS) platforms
3. Experience building native applications.
4. Exposure to web and distribution application design patterns and practises

Skills and abilities

1. Computer Science fundamentals in data structures, algorithm design, problem solving, and complexity analysis
2. Strong understanding of modern Javascript
3. Strong understanding of Javascript libraries/framework - primarily React Native
4. Experience working with modern web and native development tools and processes
5. Experience with delivering and supporting Native applications on iOS and Android, including deployment, staging, versioning and update strategies
6. Understanding of native Android and iOS UI and UX
7. Experience creating unit and integration tests with automated testing frameworks
8. Ability to solve difficult software and UX problems with some ambiguity.
9. Experience working with and consuming APIs
10. Highly desirable - software development experience in distributed systems specifically with limited or unreliable connectivity where the client may be unable with the server for short or long periods of time.
11. Experience with continuous integration and continuous deployment tools and processes
12. Ability to seek information to avoid solving the wrong problem.
13. Strong analytical and problem-solving skills
14. Capacity to manage competing priorities and meet agreed targets and timelines
15. Capacity to work effectively as part of a team

6. Responsibilities

- 6.1 Coding features along with development of automated tests
- 6.2 Collaborating with other team members, both in your direct team and other teams
- 6.3 Documenting functionality, interfaces and services – for both internal and external consumption
- 6.4 Interacting with our customer success teams, support teams, and partners to provide assistance on complex customer cases.
- 6.5 Refactoring existing functionality to improve performance, scalability, usability, maintainability or flexibility.
- 6.6 Monitoring, troubleshooting and resolving production issues with the platform or codebase.
- 6.7 Mentoring other developers
- 6.8 Participating in code reviews, peer programming, daily stand-ups, product demonstrations and other team activities

7. Signatures

Employee (Print Name)	Signature
Date	
Chief Technical Officer	Signature
Date	