

# Senior Software Engineer, AWARDS

September 2021

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## About Foothold Technology:

Foothold Technology provides software for human services agencies to ease the burden of documentation - providing our client agencies the freedom to focus on their mission.

Foothold was born out of three NYC human services agencies in 2000. Having originated within a human services agency, we're firmly committed to easing the administrative burden on our clients, and in turn, helping the millions of individuals they serve receive excellent care. Today, more than 1,000 agencies nationwide count on Foothold's AWARDS software to manage and bill for their services.

Foothold is owned by ASG, which is a software business that buys, builds, and operates market-leading vertical SaaS companies. Foothold is located in the heart of Manhattan - just south of Union Square - and the team is deeply passionate about helping the people who help people.

## Job Description:

This is an incredible opportunity to join a growing SaaS company and a group of highly motivated cross-functional Scrum Team members (Dev, QA, Product, Design). Our Engineers are comfortable across the stack (full stack) and so are you. You will design and develop code that delivers rich experiences using HTML5, Modern JavaScript (Vue.js), CSS, and related frameworks on desktop and mobile browsers. You will also work on the business logic / back-end using your experience / expertise in developing Cloud Native (AWS) APIs / services in Node.js. You feel comfortable working in our legacy code base (PHP) as we work on gradually transitioning to a full stack JS web application.

## Key Responsibilities:

### Technical Execution: Javascript Web Development

- Design and develop code that delivers rich experiences using HTML5, Modern JavaScript, CSS, and related frameworks on desktop and mobile browsers.
- Produce robust, secure, modular, and maintainable code.
- Build modular and reusable components and libraries
- Implement automated testing integrated into development and maintenance workflows
- Stay up-to-date with all recent developments in JavaScript and ES6+ syntax
- Propose any upgrades and updates necessary for keeping up with modern security and development best practices
- Leads by example in terms of adherence to Foothold Engineering Definition of Done in PR reviews & merges

## Technical Execution: Vue.js Front-End Development

- Implement user-facing web applications and components with the Vue.js framework, following generally accepted practices and workflows.
- Translate Interface Designs into pixel perfect elegant Vue.js code
- Develop Vue.js applications using deep familiarity & experience in Vue 3; stay up-to-date with all recent developments in the Vue.js space
- Keep an eye on security updates and issues found with Vue.js and all project dependencies

## Technical Execution: Node.js Development

- Implement & Consume REST, SOAP APIs in Node.js
- Design and implementation of low-latency, high-availability, and performant applications
- Develop server-side business logic using container based mini/micro services or serverless functions in AWS
- Protect the security of our systems and facilities through effective use of OAuth2.0, OpenID Connect, TLS, and other encryption technologies
- Maintain and evolve the AWARDS EHR Database schema to be a normalized relational Postgres database

## Ownership, Accountability, Communication & Collaboration

- Be an accountable and committed member of a high functional Scrum Team
- Drive Sprint goals to completion by monitoring Team JIRA boards and working closely (swarm) with team members to get user stories completed in priority order
- Collaborate with the Scrum team members actively over Slack, Hangouts, Zoom, etc.

## Uphold Foothold's Core Values: *Mission-Driven, Respect, Collaboration, Work-Life Balance, and Integrity*

## Qualifications / Experience:

- Bachelor's degree in Computer Science, Coding Bootcamp or Equivalent practical experience.
- 5+ years of experience as Javascript Web Developer
- Experience with Jira and Bitbucket or other Git repositories
- Highly proficient with the JavaScript language and its modern ES6+ syntax and features
- Highly proficient with Vue.js or a modern framework stack and its core principles such as components, reactivity, and the virtual DOM
- Experience in Typescript is preferred
- Experience in Node.js and related frameworks / platforms such as Express, Lambda & Serverless preferred
- Good understanding of HTML5 and CSS3, and SCSS
- Experience in Front-End UI frameworks such as Vuetify or other Material design frameworks.
- Understanding the nature of Asynchronous programming and its quirks and workarounds
- Knowledge of functional programming and object-oriented programming paradigms
- Ability to write efficient, secure, well-documented, and clean JavaScript code

- Familiarity with automated JavaScript testing, with testing frameworks such as Cypress or Jest
- Experience with both consuming and designing RESTful APIs
- Experience in AWS service ecosystems such as API Gateway, Cognito, ECS/EKS, RDS and Lambda preferred.
- Clear, concise, and thorough written and oral communication skills--you have the ability to communicate complex ideas in simple, easy-to-understand ways.
- Available during core Eastern US hours so as to work collaboratively with the Scrum team.
- Any prior exposure to PHP or similar languages would be beneficial, as the existing application is a LAPP stack application (Linux, Apache, Postgres, PHP).
- Prior experience designing and developing Transactional Enterprise applications is preferred
- Prior experience developing Healthcare applications is a big plus

### Other Information:

- Location: Remote
- Compensation: Competitive
- Full-time Contract
- Culture: Fast-paced, highly mission-driven atmosphere in a casual, laid back environment

***All qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability or marital status.***