

Full Stack Software Engineer Job Description

Job Title: Full Stack Software Engineer

Location: Atlanta, Georgia

Job Type: Full-Time, Onsite 5 Days a Week

Job Summary:

Maven Baseball Lab is seeking a highly-motivated Full Stack Software Engineer with a broad range programming skills to join our team. The FSSE will be responsible for developing and managing the company's software solutions for multiple platforms, including: mobile and web applications, dev ops, database management, backend infrastructure and biomechanical software tools.

Responsibilities:

- Ensure Maven Baseball Lab's software applications and tools meet the needs of the business.
- Design, develop, test, and deploy mobile applications for iOS and Android using technologies such as React Native and Expo.
- Develop responsive and functional web applications using modern web technologies (React, HTML5, JavaScript, Tailwind CSS, Astro, etc.).
- Build and maintain CI/CD pipelines across multiple environments; work with technologies such as GitHub Actions, AWS ECS, Docker, CloudWatch, etc.
- Develop and implement custom algorithms, code, and software solutions to process and analyze biomechanical data related to baseball pitching mechanics, batting form, and overall athletic performance.
- Create and maintain a database of player assessments and track progress over time using technologies such as PostgreSQL, S3, AWS RDS, etc.
- Ensure the technical feasibility of UI/UX designs and optimize applications for maximum speed and scalability.
- Contribute to sprint planning, project timelines, and task prioritization in an agile development environment.
- Test and debug applications to ensure smooth functionality across different devices and platforms.

- Work and collaborate in a team environment, communicating effectively with colleagues across multiple areas.

Qualifications:

- Bachelor's degree in Computer Science, Engineering, or related field (or equivalent experience).
- Proven experience in developing and scaling mobile applications (iOS/Android) and web applications to a userbase of 100,000+.
- Strong proficiency in JavaScript and modern frameworks (React, Astro, etc.).
- Experience with mobile development frameworks such as React Native, Swift, Kotlin, or Flutter.
- Experience with cloud platforms (AWS, Google Cloud, Azure).
- Familiarity with RESTful APIs or other back-end services.
- Knowledge of version control systems (Git, GitHub, GitLab, etc.).
- Familiarity with Agile methodologies and development tools.
- Ability to work both independently and collaboratively within a small team.
- Strong problem-solving skills and attention to detail.
- Strong communication skills and the ability to clearly articulate technical concepts.
- Experience working with cross-functional teams in a fast-paced startup environment.

Benefits:

- Competitive salary and performance-based incentives.
- Opportunity to work with cutting-edge biomechanic technology and with the best players in baseball.
- Opportunity to grow and expand your skills in a fast-paced, innovative environment.
- Collaborative and supportive team culture.