**Job Description**

|  |  |  |  |
| --- | --- | --- | --- |
| **Position Title:** | **Classification:**  **(Exempt or Nonexempt)** | |  |
| **Application Developer** | **Exempt** | |
| **Department:** | **Date Created/Revised:** | |
| **Research and Development** |  | |
| **Position Status: (Full or part-time)** | **Pay Range:** | | **Reports to:** |
| **Full-time** |  | | **William Emfinger, Ben Hemkens** |
| **Purpose of Position:** | | | |
| **Develop new applications, integrations and services to our products** | | | |
| **Key Duties:** | | | |
| * **Designs and develops new and modified features of software applications (mobile, web, server)** * **Serve as the primary resource for determining the approach to be utilized in a project implementation.** * **Participates in every aspect of the development and implementation, working with others to ensure full understanding of the change implications to current business processes.** * **Design and build product deliverables according to specifications, escalates technical design or specification issues, and works within a given time frame to complete coding.** * **Follows good development practices and software development life cycle methodologies throughout product development** * **Be a part of self-organized high performing Agile/Scrum team** * **Develop deliverables for QA (Code and unit test)** * **Review, analyze and collaborate with business analyst and development teams to fully understand requirement; develop approach for coding** * **Collaborate with development team on data approach for coding – Understand data guidelines, and understand data sources available, what is new based on requirements, and how the project will impact common data stores** * **Provide direction to Associate Software Engineer/Software Engineer, and collaborate with core team, QA, Security, and other cross functional teams to provide the appropriate solution** * **Provide SME on application and data to other teams; also provide ad-hoc reporting Team mentoring, directing, and priority setting** | | | |
| **Education Requirements:** | | | |
| * **Bachelor’s degree (or equivalent experience) in Computer Science or similar field** | | | |
| **Required Knowledge/Skill:** | | | |
| * **The application developer should possess a thorough understanding of the product from both a functional and technical perspective.** * **Possess comprehensive understanding of the implementation methodologies for the technology being utilized in product development, such as .NET or Java Framework.** * **Excellent understanding and proven working experience in developing native iOS apps.** * **Experience with Xamarin Studio (Mac) / Xamarin for Visual Studio (Windows)** * **Experience with iOS frameworks such as Binding, Nuance, Red Laser, Socket Mobile** * **Expertise in security and encryption (Asymmetric Encryption)** * **Experience with offline storage, threading, and performance tuning** * **Familiarity with .Net, MS SQL Server as well as REST/SOAP services to connect iOS applications to the back-end services** * **Experience with Javascript / Node.js** * **Experience in noSQL databases (e.g. MongoDB)** * **Knowledge of component-based software design / engineering principles and practices** * **Knowledge of / willingness to learn data analytics / machine learning techniques such as Bayesian Networks or Convolutional Neural Networks preferred** * **Knowledge of other web technologies and UI/UX standards** * **Understanding of Google’s and Apple’s design principles and interface guidelines** | | | |
| **Experience Required:** | | | |
| * **Minimum 2 years development experience of mobile application development / web application development** | | | |
| **Approved By:** | | **Date:** | |
|  | |  | |