



**Position Title:** Software Development Manager  
**Immediate Supervisor Title:** Vice President, Global Product Development  
**Department:** Engineering  
**Location:** New Kensington, PA  
**FLSA Status:** Salaried Exempt

### **Brief Summary of Position Purpose:**

The Software Development Manager manages all aspects of Bacharach's mobile applications, desktop applications and cloud-based SaaS product development and maintenance. Moreover, the role participates in developing Bacharach's SaaS product strategy and is key member of Bacharach's Engineering leadership.

The Software Development Manager is responsible for leading and managing Bacharach's internal and external Software Developers and works closely with Customer Service and Product Management to ensure customers are getting the highest utility from Bacharach's products.

### **Essential Functions:**

- Manages and leads both internal and external software development staff.
- Collaborates with Product Management and Executive Management in defining Bacharach's SaaS product strategy.
- Collaborates with Bacharach's SaaS Product Manager to directly interface with Bacharach's customers, collect VOC, and define the development roadmap and development schedules.
- Defines product architecture, use cases and requirements in cooperation with Product Management.
- Completes budgets, schedules and resource plans.
- Fully owns the planning and execution of Bacharach's mobile, desktop and cloud-based software products and efficient management of internal and external development resources.
- Oversees the Agile development process and sprint cycle and ensures continuous process improvement.
- Oversees the technical design, code review, validation and release processes.
- Ensures all technical documentation is generated and reviewed in accordance with Bacharach's Development processes.
- Monitors software security and privacy regulations (i.e. GDPR) and best practices and ensures compliance.
- Collaborates with Bacharach's SaaS customer service team to ensure customer needs are met in a timely manner.
- Manages development KPI's, budgets and provides periodic update reports to management.
- Other assigned duties as required.



### **Education/Training/Certifications:**

- BS Computer Science, Computer Engineering or Information Technology or related degree.

### **Experience:**

- Minimum 10 years of experience in software design with a minimum of 5 years in IoT, Cloud, SaaS platforms.
- Minimum of 1 years managing external software development teams.
- Direct work experience in Agile software development framework.
- Direct work experience in design and implementation of web-sites using HTML, CSS, JavaScript, PHP and a relational database such as MySQL.
- Direct work experience in design and implementation of products using MVC frameworks.
- Recent work experience in design, implementation and test of products using Angular JS, RESTful APIs (Swagger), Laravel/Lumen, Unit Testing (Jasmine, Karma, PHPUnit).
- Recent work experience working with AWS and Micro-services architecture for cloud based SaaS products.
- Experience/knowledge of continuous integration continuous deployment working methods and tools such as GIT (pipeline), Jenkins and Selenium.
- Experience/knowledge of related coding standards and code quality tools such as Sonarqube, Linter etc.

### **Required Skill Sets: (e.g., computer skills, communications, math, etc.)**

- Working knowledge of MVC frameworks such as Zend, Laravel and Code Igniter.
- Experience working with relational database technologies such as MySQL.
- Working knowledge of XML/JSON/REST web services.
- Working knowledge of Object Oriented and Procedural Software.
- Familiarity with web server technologies such as Apache/Nginx.
- Familiarity with NoSQL database technologies.
- Professional interpersonal and communication skills, both verbal and written.
- Effective planning and organization skills.

### **Physical Demands: (e.g., lifting, travel, etc.)**

- Position requires concentration, accuracy, and focused mental effort
- Works in normal office environment
- May travel domestically and internationally as business needs require with occasional exposure to plant heat, noise, dust, dirt and fumes

Pursuant to the Americans with Disabilities Act (ADA), reasonable accommodations may be made to enable qualified individuals to perform the essential functions of this job.

AA/EEO/M/F/D/V