



**Position Title:** Software Developer

**Immediate Supervisor Title:** Software Development Manager

**Department:** Engineering

**Location:** New Kensington, PA

**FLSA Status:** Salaried Exempt

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

This engineering role participates in all aspects of Bacharach's mobile applications, desktop applications and cloud-based SaaS product development and maintenance. This includes product VOC, architecture definition, use case/requirements definition, software development, code reviews, validation and continuous improvement.

The Software Developer is a member of a dedicated development team for Bacharach's software products and works directly with internal and external developers to pursue Bacharach's mobile and SaaS product Roadmap.

### **Essential Functions:**

- Develops software code for mobile applications, desktop applications and cloud-based web applications.
- Collaborates with Product Management on product architecture definition, use cases and requirement documentation.
- Completes develop activities in compliance with the Agile development process and sprint cycle; including, 'retrospectives' and continuous process improvement.
- Performs code reviews, validation activities and release processes.
- Monitors cloud application uptime and takes appropriate corrective action as needed.
- Ensures technical documentation is generated and reviewed in accordance with Bacharach's Development processes.
- Other assigned duties as required.

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

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

### **Experience:**

- Minimum 5 years of experience in software design with a minimum of 2 years in IoT, Cloud or SaaS platforms.
- Minimum of 1 year working with 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