



Director of Product Architecture

Objective

As Product Architect, you will lead the design effort on a variety of projects in a highly collaborative, fast-paced environment. Your role is to design innovative solutions to real market problems. You will work closely with product and marketing managers, user interaction designers, and software engineers to develop new product offerings and improve existing ones. The successful candidate will be a highly motivated professional with experience building scalable enterprise applications. The Product Architect is expected to work with a diverse team including scientists, developers, DBAs, and product managers. We are looking for a Product Architect who can design and document solutions that scale both up and out. The Product Architect is responsible for standards and will advocate strong quality processes. Deep technical knowledge in SQL, ASP .NET, and C# is a must.

About us:

Revionics delivers the most advanced price, promotion, and markdown optimization solution available to retailers. Our predictive technology leverages an integrated forecast, enabling a coherent view of customer demand across all decision areas. This proprietary approach applies advanced analytics and science to predict customer behavior, empowering retailers to make better decisions, improve customer loyalty, and achieve their overall financial objectives.

Revionics' solutions are delivered on a modern, fully scalable, pay-as-you-go, software-as-a-service platform. Our clients include retailers in grocery, automotive, drug, building materials, convenience, general merchandise, and discount stores.

Roles and Responsibilities:

As Director of Product Architecture, you will be responsible for producing Top-Level Design Documents from Functional Requirements provided by Product Management. This individual must work with product managers to understand requirements and then deliver designs that meet those requirements in a scalable and extensible fashion. This individual will work collaboratively with Development managers to provide work estimates for executing designs. The Architect will work with software engineers and scientists to review those designs and marshal them thru a rigorous development process that includes reviewing detailed designs. The architect will work with release management and QA to ensure that the resulting product is delivered with the agreed upon schedule, scope, resources, and quality. This individual will work with Product Management on rollout plans that include migration of customer data, training, and documentation. Finally you will be responsible for developing and maintaining a set of product standards and development processes. Product standards must ensure consistent usability and high performance that result in a satisfying customer experience. Development processes must ensure highly predictable and repeatable releases.

Key Responsibilities:

- Understand Functional and Business Requirements
- Top-Level and Detailed Designs including user interface, workflow, state diagrams, database schemas, and interface specifications.
- Work Estimates
- Working prototypes

- Training of internal and external users including product demonstrations
- Product Assessments including usability, performance, and design patterns. Clearly identify gaps in consistency and internal processes
- Product Standards including usability, consistency, performance, and coding standards such as code reuse and object oriented code development
- Development Processes checkout/checkin, unit testing, build, integration testing, design reviews and code reviews
- Drive customer product concerns to resolution
- Document and report problems and recommend solutions to executive team
- Implementation and automation of best-practice test methodologies
- Technology assessments

Requirements:

- 10+ years of software product development experience.
- 3+ years experience as an architect
- Excellent written and oral communication skills.
- Experience with large database applications (multiple terabytes)
- Ability to influence executive-level decision making.
- Excellent analytical skills, a keen understanding of using science and statistical methods to solve business problems.
- Demonstrated success in product launches
- Strong initiative in recognizing and acting on product improvement opportunities
- Undergraduate and graduate degree in engineering
- Retail industry experience preferred.