Leonard Pervin

Greater Philadelphia Region

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TECHNICAL SKILLS

Programming Languages
- C#, Python 3
- JavaScript, TypeScript
- PowerShell
- T-SQL, PL/SQL

.NET Framework
- .NET Core 3.0-7.0
- .Net Framework 4.7

Web Technologies
- ASP.NET Core, Minimal APIs
- ASP.Net 4.0 MVC, WebForms
- HTML5, CSS3, SASS
- Tailwind CSS
- Bootstrap 4/5, Material-UI
- Node.js, JavaScript, ES6
- AngularJS, Angular 8/9.0
- ReactJS, Redux, MobX
- REST API, GraphQL

Mobile
- .NET MAUI
- Ionic Framework 7

Databases
- MS SQL Server, SQL Azure
- Oracle 11g - 12c, PostgreSQL 13
- MongoDB

Cloud
- AWS, Azure, Salesforce

DevOps
- Azure DevOps, Git, TFS, CI/CD
- BitBucket, Bamboo, Jenkins
- GitHub, Git Actions
- Docker

Development Methodologies
- SDLC, Agile, Scrum
- Domain Driven Design
- Clean Architecture
- SOLID Principles, Design Patterns
- Microservices

EXPERIENCE

Charles Schwab

Senior Software Engineer | Charlotte, NC (remote)   *12/2021 – Present*

Responsible for the design, architecture and development of Middle-Tier services, re-usable components and frameworks as part of a large-scale initiative to modernize, improve and streamline Schwab Retirement Technology's (SRT) enterprise software systems

- Design and develop REST APIs and Microservice built on .Net Core/C# leveraging current and evolving technologies
- Perform systems and business processes modeling, code reviews and re-factoring to ensure that SRT software adheres to the internal architectural standards and industry best practices to obtain desired performance, security, scalability and code maintainability
- Provide technical leadership, identify emerging trends and drive strategic architectural plans to a portfolio of products

Canon Financial Services

Application Architect | Mt. Laurel, NJ   *06/2016 – 09/2021*

Responsible for the design, development, production support and maintenance of Canon Financial Services business applications including Equipment Leasing and Lease Origination application, Customer Service and GL Accounting systems

- Collected and analyzed business requirements, document Use Cases and functional specifications, provide time estimates to the product owners and define development iterations schedule
- Participated in major re-design and development of Customer Service and Lease Origination applications from legacy technologies to ASP.NET MVC, ASP.NET Web API, Bootstrap 4 and Angular
- Responsible for developing multiple components of the Lease Origination application including business logic class libraries, ASP.NET Web API services, and front-end UI
- Designed and implemented responsive UI and re-usable front-end UI components styled with CSS3 and Bootstrap 4.0
- Responsible for developing systems integration interfaces and automated processes to synchronize data between internal CFS systems and Salesforce Service Cloud Application

Federal Reserve Bank of Philadelphia

Senior Software Architect/Technical Lead | Philadelphia, PA *01/2015 – 09/2016*

Responsible for the design and development of applications and services (ASP.NET MVC, Web API/OData) as well as client JS applications that support FRB of Philadelphia Banking Regulation group's business activities and processes such as Document Management and Collaboration, Events scheduling, users' permissions and security management

- Developed REST Web API OData service and JS client "data-consumer" applications in order to provide data from external systems to a restricted SharePoint environment
- Architected entire application stack of the web-based scheduling system including SQL Server database and Entity Framework Models design, middle-tier Business Logic components, ASP.NET MVC application and front-end Views (HTML5, CSS, Bootstrap, jQuery, Telerik Kendo UI, and AngularJS)
- Designed and develop automated processes to integrate Legacy production scheduling data with SQL Server 2012 Database which included T-SQL stored procedures and SQL Server Integration Services (SSIS) packages
- Provided technical expertise to the team transitioning from legacy ASP.NET Web Forms development to ASP.NET MVC platform and lead the development effort

Aramark

Senior System Analyst | Philadelphia, PA   *06/2013 – 09/2014*

Responsible for requirements analysis, and implementation of the technology solutions such as eCommerce sites and back-office/reporting applications for Aramark Higher Education profit centers located throughout United States and Canada

- Served as the focal point for business groups and offshore development team; main responsibilities included gathering and analyzing business requirements, defining and documenting software design and architecture, and providing technical guidance to the offshore team
- Designed and developed multi-tiered ASP.NET MVC 3.0 (C#) application which facilitates back-office business operations of eCommerce system, involved in development of all the tiers including front-end views (HTML5, jQuery and jQueryUI), controllers and data models, Middle-tier Enterprise WCF Services and SQL Server database
- Responsible for developing REST web service which expose eCommerce's Menus and Products data to be consumed by external clients' websites and mobile apps
- Develop Proof-of-Concepts SPA applications with JS MV* frameworks such as Backbone.js and AngularJS as PoC examples for Aramark's clients

S&P Dow Jones Indices

Application Architect | South Brunkswick, NJ *12/2007-05/2013*

- Facilitated a large-scale systems integration project to migrate Dow Jones applications and SQL Server databases to S&P Oracle 11g database; developed and supported automated processes (SSIS packages) to access Oracle 11g data through PL/SQL packages to "back-feed" legacy Dow Jones applications
- Implemented, and actively supported monthly production of marketing materials and clients' reports, this included development of several automated processes and a Windows Application, which enabled marketing and production teams to manage and generate PDF and Excel documents and publish them to the corporate website
- Designed, implemented and provided ongoing support for a custom solution to support collection of hedge funds' financial data and facilitate calculation of a benchmark HedgeFund Industry index and specialized strategies indices. Solution comprised of automated processes (SSIS packages) to download, parse, and import data into the system, and a Web Application (ASP.NET 4.0, ASP.NET MVC 3.0, EF 4, WCF, AJAX, jQuery UI), which allowed financial analysts and researchers to manage and analyze hedge funds' data, run indices calculators and generate web-based reports

Mednet Healthcare Technologies

Software Engineer | Ewing, NJ *2005-2007*

- Developed and supported a server-side .NET (C#) application that interfaced with cardiac monitoring devices via SSL protected Web Service in order to collect and analyze patients' clinical data
- Designed and developed a custom solution to integrate Mednet's commercial client-server transtelephonic cardiac events monitoring and patients scheduling software package with a Web Service to provide customers with subscription-based licensing, and allow interoperability between Mednet's Service Center and remote customers' networks

Taylor Nelson Sofres (TNS)

Software Engineer | Horsham, PA *2003-2005*

Participated in a large-scale system conversion project as a Technical Lead. The project involved converting Global Market Research Sample Management system scattered across multiple MS Access 97 databases to centralized SQL Server database and ASP.NET application

Doctor Quality, INC

Programmer Analyst | Conshohocken, PA *2000-2003*

Designed, developed and maintained n-tier (SQL Server 2000, COM+, IIS 5.0, ASP) interactive web-based "HealthGuides" application that provided subscribers with health information and allowed business partners to embed a content window into their own web applications