

Paul Shpilsher

Software Engineer / Digital Nomad

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Summary

Experienced senior software engineer. I have been committed to delivering high-quality, high-performance, web, desktop, and enterprise solutions. My broad experience with variety of technologies provides a solid foundation to successfully design and develop both small and large scale software solutions, with commitment to best practices in software development and client services.

Technologies and Tools

Javascript, Typescript, Go (Golang), , .NET, .NET Core, C#Node.js, Express.js, Nest.js, Moleculer.js, Go, WebAPI, REST, Web Services, Microservices, Serverless, Cloud functions, Lambda, Angular, React., LINQ, Multithreading and Concurrent computing, SQL, NoSQL, PostgreSQL, Entity Framework, C/C++, x86/ia64, HTML5, CSS/LESS/SCSS, Websockets, AWS, GCP, Azure, Docker, Kubernetes, Git, Jenkins, Visual Studio Code, Windows, Linux, Postman, JIRA

Career History and Accomplishments

Magic Square - Senior Software Engineer (Consulting)	12/2022 - 10/2023
<ul style="list-style-type: none">Architecture, design and development of microservices for Web3 app store.Champion in establishing best software development practices, coding standards and finding solutions to technical issues.API Integration with Binance, Zealy, Google OAuth, OneSignal and other 3rd party services.Provided defense against malicious users (reward farming) solutions.	
Sherpa - Senior Software Engineer (Consulting)	01/2022 - 08/2022
<ul style="list-style-type: none">Architecture and development of serverless system processing incoming notification emails (Gmail) in the scope of E-VISA application workflow.Migrated product API cloud function to cloud run NestJS app.Participated in various product development tasks as a member of the Autobots engineering team.	
C.H. Robinson - Senior Software Engineer (Consulting)	03/2021 - 09/2021
<ul style="list-style-type: none">Migration of Navisphere Carrier system: OnPrem to Azure cloud.Created Azure functions, Kafka publishers and subscribers.	
DevExpress, Inc - Senior Software Engineer (Consulting)	03/2018 - 01/2021
<ul style="list-style-type: none">Fullstack design and development next generation Report and Dashboard Server.Actively took part in every aspect of SDLC.	
Radical Imaging, LLC - Senior Software Engineer (Consulting)	02/2014 - 02/2018
<ul style="list-style-type: none">Worked on various projects for variety of clients in tele-radiology field:Created cloud-based Voice Recognition system specifically for Radiologists' report dictation. Supporting AWS and GCP. Using Chrome SR APIs and cross-browser version using google SR cloud services.Created Voice Recognition solution integrated with web-based reporting application based on Microsoft Windows ASR.	
Cargill, Inc. - Senior Software Engineer (Consulting)	08/2013 - 11/2013
<ul style="list-style-type: none">Architect and implemented data processing system taking different data feeds and producing common format output for the Animal Nutrition	

<ul style="list-style-type: none"> department. Worked closely with the business side of the project to refine requirements, helped them with interpreting results and gracefully managed changes to the requirements. 	
Opportunity Partners - Senior Software Engineer (Consulting) <ul style="list-style-type: none"> Took part in development of Microsoft Kinect application for people with disabilities. 	05/2013 – 07/2013
T-Chek Systems, Inc (EFS) - Senior Software Engineer (Consulting) <ul style="list-style-type: none"> Played vital role as senior software engineer in an agile team responsible for developing financial subsystem for SOA credit card payment processing system. Authored data access layer for the entire payment processing system using compiled expressions. Developed WCF web services using SOLID design patterns and MOQ unit testing. Participated in technical governance. 	09/2010 - 12/2012
Virtual Radiologic, Inc. - Software Engineer L3 <ul style="list-style-type: none"> Led design and development of Client Operation Center (Silverlight) web applications, encompassing database, business/workflow, and presentation tiers. Developed vRadConnect - a RIS web application. Author of data access layer library that at run-time dynamically creates and executes code. 	2009-2010
DTN Inc. – Senior Software Engineer <ul style="list-style-type: none"> Developed Central Logging system for multiple production services and clients, using shared memory RPC algorithms. Developed statistical analysis software for determining “Normals” based on previous years of observed weather data. Developed new MADIS ingest system (netCDF to MSSQL). In comparison with legacy system this one processed data at a fraction of the cost (speed). Author of AIRMET, SIGMET, TAF, METAR, SYNOP aviation weather decoders. 	2004-2009
Guidant Corporation (Boston Scientific) - Senior Software Engineer (Consulting) <ul style="list-style-type: none"> Developed cross platform data streaming based on custom Remote Procedure Call engine over Serial or TCP/IP for for pacemaker telemetry board. Developed plain text extraction utility from Adobe PostScript files. 	2003 – 2004
Kroll OnTrack - Senior Software Engineer (Consulting) <ul style="list-style-type: none"> Created electronic forensic framework of WDM Windows drivers (SCSI miniport, and kernel mode drivers) to mount a set of previously captured hard disk images as a physical disk on Windows machine. 	2002 – 2003
Eastman Kodak Company – Senior Software Engineer <ul style="list-style-type: none"> Author of Windows kernel mode driver for high speed data I/O board interfacing with a laser printer (health imaging). Developed numerous COM solutions for upper layers in health imaging printer modality. 	2001 - 2002

Education

Tula State University. BS CS	1993
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