|  |  |
| --- | --- |
| Paul Shpilsher  Software Engineer / Digital Nomad  <https://www.linkedin.com/in/paulshpilsher>  [paul.shpilsher@gmail.com](mailto:paul.shpilsher@gmail.com) |  |
|  | |
| 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 |
| * 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 |
| * 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 |
| * 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 |
| * 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 |
| * 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 |
| * Architect and implemented data processing system taking different data feeds and producing common format output for the Animal Nutrition 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) | 05/2013 – 07/2013 |
| * Took part in development of Microsoft Kinect application for people with disabilities. |  |
| T-Chek Systems, Inc (EFS) - Senior Software Engineer (Consulting) | 09/2010 - 12/2012 |
| * 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. |  |
| Virtual Radiologic, Inc. - Software Engineer L3 | 2009-2010 |
| * 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. |  |
| DTN Inc. – Senior Software Engineer | 2004-2009 |
| * 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. |  |
| Guidant Corporation (Boston Scientific) - Senior Software Engineer (Consulting) | 2003 – 2004 |
| * 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. |  |
| Kroll OnTrack - Senior Software Engineer (Consulting) | 2002 – 2003 |
| * 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. |  |
| Eastman Kodak Company – Senior Software Engineer | 2001 - 2002 |
| * 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. |  |
| Education | |
| Tula State University.  BS CS | 1993 |