

PAUL SHIPPY

pshippy@gmail.com / H: 480-559-8886
Gilbert, AZ

SUMMARY

Full stack developer enthusiastic about making life better for customers through effective software design

TOP SKILLS

- Languages: Javascript, Typescript, C#, Python, Java
 - Databases: SQL Server, MongoDB, Oracle, Snowflake, MySQL, PostgreSQL
 - Servers: NodeJS, ASP.NET, Azure Functions, AWS Lambda, REST APIs, oauth, OIDC
 - UI: React, React Native, Angular, Aurelia, Razor, KnockoutJS, JQuery, HTML, CSS, AJAX
 - Cloud platforms: Azure, AWS
 - DevOps tools: VS Code, Visual Studio, PyCharm, Git, T4, Cucumber, Jasmine, Mocha, Postman, Fiddler, Cypress, Azure DevOps, Docker, Terraform
 - Methodologies: Agile, Scrum, Kanban, Mobbing
 - Collaborating with business, product, and UX teams to come up with the best solutions for customers.
-

EXPERIENCE

Software Engineer II / StrongMind - Chandler, AZ

10/2019 – present

- Led key team breaking apart monolith into microservices including third-party cloud service providers handling high-profile business functions using AWS Lambda, Python, NodeJS, Kinesis, Elastic Beanstalk, and Oracle Application Express (APEX).
- Built ETL tool for migrating key customer data from previous system to new platform that supported file-based uploads as well as automated API-based imports using SQL Server, NodeJS, and REST APIs on AWS Lambda deployed with Terraform.
- Led data engineering team building reports and ETL/ELT systems on Snowflake, SQL Server, and Kinesis.
- Mentored multiple junior software engineers to help them level up using collaboration techniques like daily pairing, mobbing, and weekly one-on-ones.

Principal Software Engineer / Solera Health Inc. - Phoenix, AZ

04/2017 – 10-2019

- Recognized as key contributor and represented software engineering in the company in various capacities including presentations with customers and executives.
- Led team developing new platform on MERN stack (Mongo, Express, React, NodeJS) with a mobile-first UI and highly configurable back-end.
- Led platform integration effort working with multiple third-party partners to integrate a single-sign on experience with real-time API web hooks to support performance-based milestone calculation.
- Built prototype native mobile app using React Native and generating web-based interface using react-native-web.
- Started and led automated testing working group encouraging developers to write more automated tests and socializing/developing related tools.
- Automated delimited file based data processing system using Azure SQL and C#.
- Built replication system that synchronized Salesforce objects into Azure SQL in near real-time.
- Converted multiple processes from Access and Salesforce into Azure LogicApps, Azure AppService, and Azure SQL.

Principal Software Engineer / Sphera Solutions (Previously IHS, ESS) - Tempe, AZ

01/2007 - 04/2017

- Built reusable architecture leveraging code generation with a SPA UI and Web API services.
- Led design and development of self-service reporting module.
- Led scrum team providing core architecture and tools support for integration platform.

- Recognized as top performer in solving software issues, building quality into code, leading process improvements, and overall efficiency.
- Built single sign-on and RESTful web services layer for enterprise platform.
- Managed the migration from TFS 2008 to TFS 2010/2012 with automated build-test-deploy.
- Developed ETL and dashboard solution for business intelligence module.
- Engineered C# version of complex calculator originally built as Oracle/SQL stored procedures.
- Developed customizable rule engine and Silverlight-based log report for integration product.
- Integrated metadata tool with custom installer to reduce dependence on database scripts.

Software Developer / Alpha Omega Publications - Chandler, AZ

01/2000 - 12/2004

- Developed and managed corporate website using a variety of web based technologies including ASP, Javascript, HTML, CSS, and Visual Basic.
- Developed Windows desktop-based curriculum delivery application in Windows Forms with VB.NET.
- Developed authoring tool for curriculum designers.

EDUCATION AND TRAINING

Western Governors University

2014

Bachelor of Science: IT - Software

Patrick Henry College

2007

Bachelor of Arts: Government - Public Policy

CERTIFICATIONS

Microsoft Certified Solutions Developer: Web Applications

May 29, 2015