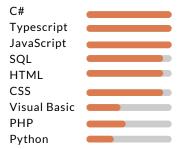# VICTORIA MICHELE LANG

SENIOR SOFTWARE ENGINEER

SUMMARY

A highly motivated Full Stack Software Engineer with extensive experience in developing and implementing web-based solutions using C#, Typescript, JavaScript, and other languages. Comfortable with phases of development lifecycles and Agile methodologies - certified Scrum Master (CSM) and member of Scrum Alliance. Outstanding communication and leadership skills, self-driven, and willing to learn any additional languages or platforms.

LANGUAGES

C#
Typescript
JavaScript
SQL
HTML
CSS
Visual Basic
PHP
Python

TOOLS AND FRAMEWORKS

- Microsoft Visual Studio
- Visual Studio Code
- Microsoft SQL Server (SSMS)
- PostgresSQL
- Git
- Subversion (SVN)
- CI using Jenkins, Github
- JIRA
- Confluence
- Postman, Fiddler
- .NET Framework, .NET Core
- Node

CONTACT DETAILS

Mobile: 864-401-0289
Email: victoriamichelelang@gmail.com

CAREER BACKGROUND

Senior Full Stack Engineer

Plural Policy | August 2022 - present

• Built highly functional RESTful APIs in the Node ecosystem, following design best practices and conventions
• Pioneered the development of cutting-edge front-end SPA, leveraging the powerful combination of React and Typescript to ensure scalability and enforcing strong type safety
 • Instrumental in orchestrating comprehensive front and backend unit & integration tests utilizing the Jest framework, as well as automated end-to-end tests with Reflect
 • Played a pivotal role in crafting and managing sophisticated database schemas, employing PostgresSQL, Bookshelf.js, and TypeORM to guarantee data integrity and optimize performance

Senior Software Developer

Energy Worldnet | December 2017 - August 2022

• Transformed front-end site and API using JavaScript (via AngularJS and Vue.js), jQuery, HTML/CSS, and .NET to serve over 20,000 daily users
• Added unit and integration tests for all new pieces of functionality, increasing test coverage of all projects and reducing instances of bugs by 30%
• Through Agile methodology, designed and developed software to meet user acceptance criteria, working across teams to deliver scalable solutions
• Presided over team as SCRUM master, mentoring colleagues, hosting sprint retrospectives, and collaborating with Product Owner(s) in sprint planning

Software Developer

Amtrust Financial/National General |January 2017 - December 2017

• Developed the building and serialization of HTTP (SOAP, XML) requests and the parsing and translation of responses
• Created Web APIs and maintained WCF's (VB.NET) to facilitate vendor report ordering, increasing efficiency of both new and legacy solutions
• Daily querying, stored procedure creation, and data backfill services using the Microsoft SQL Server

PHP Content Developer

Knowre |November 2014 - December 2016

• Utilized experience in mathematics and education to design and develop adaptive mathematics curriculum on an interactive web platform
• Created PHP modules, working primarily server-side in module content

EDUCATION

University of Pittsburgh

Bachelor of Science, Mathematics | 2007 - 2011

Sungkyunkwan University

Master of Science, Mathematics | 2013 - 2015