

SIAVASH ASHKIANI, CSM

Software Engineer

Email: ashkiani@yahoo.com

LinkedIn: <https://www.linkedin.com/in/siavashashkiani>

Cell: 571-926-4951



EDUCATION

- BS, University of Pune, Pune, Maharashtra, India, 2007
- Coding Boot Camp Full Stack Flex Web Development, George Washington university, anticipated graduation April 2020
- Web Design and Development Course, Northern Virginia Community College, 2012-2013

CERTIFICATIONS

- Certified ScrumMaster™ (CSM) 9/25/2017

SKILL HIGHLIGHTS

- Full life cycle software development
- Agile/Scrum methodology
- Visual Studio - .NET, C#, VB.NET
- C, C++, JAVA
- Relational Databases - MS SQL, PostgreSQL, MySQL
- Source Code Control – TFS, Git

LANGUAGES

- English
- Farsi

Summary

Experienced Software Engineer and Certified ScrumMaster who leads the development team for SET-IT and RAD-IT tools under the National ITS Architecture project (tools are available here: <http://local.iteris.com/arc-it/html/resources/tools.html>).

Besides the routine activities of Design, Development and running Scrum ceremonies, I successfully developed a shared library for the tools to eliminate unnecessary code maintenance. In addition, I deployed an automated build process to minimize the build time and effort.

Experience

Software Engineer Iteris

2013 - Current

Projects

Connected Vehicle Reference Implementation Architecture (CVRIA), U.S. Department of Transportation (USDOT)

- Leading the Scrum meetings and ceremonies
- Providing design, programming and testing support for development of the Systems Engineering Tool for Intelligent Transportation (SET-IT) and Regional Architecture Development for Intelligent Transportation (RAD-IT) under the National ITS Architecture Program for USDOT.
- Supporting Sprint management activities with JIRA and Confluence.
- Supporting the Build/Installer process for each release.

Connected Vehicle Test Bed, Virginia Tech Transportation Institute (VTTI), Virginia Department of Transportation (VDOT)

Provided support to the team responsible for implementing Connected Vehicle Test Bed in Northern Virginia. Activities included developing a prototype website for maintenance and status monitoring of Road Side Equipment (RSE) installed on the Test Bed, testing RSE's installed on I-66, I-495, and US-50, performing signal surveys and preparing signal survey maps, and supporting configuration of managed industrial Ethernet switches and Connected Vehicles RSEs.

Integrated Transport Information & Navigation System (i-TINS), UAE Department of Transport

- Supported development of the Web and smartphone app that provides users with real-time travel and trip planning information. The system collects real-time traffic, taxi, and transit information to provide users with information such as shortest-route and incident locations.
- Led development of web-service (C# PostgreSQL) for executive and planning dashboards to calculate current and historical average network speed, travel time, and volume of traffic per hour.

SIAVASH ASHKIANI, CSM

Software Engineer

Email: ashkiani@yahoo.com

LinkedIn: <https://www.linkedin.com/in/siavashashkiani>

Cell: 571-926-4951

Reach the Beach Comparative Travel Time Sign System, Virginia Department of Transportation (VDOT)

Provided analysis support for assessment of 55 roadside Bluetooth readers designed to provide travel times on I-64, I-264, and I-664 in Hampton Roads/ Virginia Beach area for VDOT. Collected, processed, and analyzed large amounts of data to identify trends and troubleshoot sensor performance issues.

Intelligent Transportation System (ITS) Project Costing Tool, Virginia Department of Transportation (VDOT)

Developed new modules for the ITS Costing Tool to include further advanced functionalities such as calculating cost estimate contingencies, and plotting cost comparison graphs (Visual Basic 6 and M.S. Access) to support VDOT planners and program managers. Also performed testing of the tool and provided user support and training.