Michael Snider

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https://msilvprog7.github.io

Skills

Proficiencies
C# • ASP.NET • Azure (Fabric, Key-Vault, Bus, CosmosDB, Redis)

Git • Code Review • Mentoring • Team Coordination • Agile Planning

Design • Microservices • RESTful APIs

Site Reliability • Monitoring • Testing

Competencies
TypeScript • Node.js • React • Vue.js • HTML • CSS

Java • Android • Google Web Toolkit

C++ • Python • Django

Objective

Collaborate on innovative and reliable technical solutions with 5+ years of experience as a software engineer. I'm experienced in microservice development, prototyping, site reliability, and mentoring. I'm passionate about web development and customer experience.

Experience

Sep 2018 –Present
Software Engineer 2 • Microsoft

Design, implement, and continue to onboard scenarios in ASP.NET microservice for the storage, refinement, and notification of users' device locations for Teams, Family Safety, and Bing apps. The service supports 500K users for 10M signals per day with 90p latency under 2s.

Received 2nd place in Maps and Geospatial science fair in 2019 One Week hackathon for the development of an NFC pet collar and prototype Android app to reunite pets with their families.

Aug 2016–Aug 2018
Software Engineer • Microsoft

Developed and integrated ASP.NET web service API for curating collections of users' favorite locations on Bing Maps, Windows Maps, and Cortana.

Designed and prototyped ASP.NET web service infrastructure to collect device locations and infer users' meeting locations for calendar enrichment and travel notifications in Outlook.

Received 1st place in 2017 Cortana Skills hackathon for the development of a Node.js Bot Framework skill to help family members find the location of one another using speech or text recognition with LUIS.AI.

Received 2nd place in Millennials category in 2017 One Week hackathon for the development of a Node.js Bot Framework skill to let music fans find concert tickets on SeatGeek using their location and Spotify history.

Education

University of Virginia, Charlottesville, VA (2012 – 2016)
B.S. Computer Science • 3.941 GPA • Summa Cum Laude
Internships with Microsoft (2015) and Open Roads Consulting, Inc. (2013 and 2014)