

SIMUL KADAKIA

Chicago, IL
248.210.9811

www.simulkadokia.com
simul.kadokia@yahoo.com

EMPLOYMENT:

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|--|-------------------------------|----------------------------|
| Senior Software Engineer | Collective Health | Jan 2019 - Current |
| <ul style="list-style-type: none">As a senior and founding member of the integrations team, implemented new microservices for file polling, message transformation, pre/post processing as well as status tracking and auditing.Designed and implemented pattern based microservices to setup configuration based micro pipelines.Led effort to improve new engineers on-boarding as well as development process, mentor junior engineers. | | |
| Software Engineer | General Motors | Aug 2017 – Dec 2018 |
| <ul style="list-style-type: none">As a member of Advanced Development and Concepts Lab, design and implement features for OnStar's Vehicle Services Management System to support over-the-air updates and data collection.Designed and Implemented various libraries and microservices including file server that supports MD5 checksum based strong e-tag, event tracking, file upload to cloud, router.Implemented functionality to read from/write to vehicle and wrote simulator to validate the behavior. | | |
| Software Engineer
FordLabs (Sep 2016 – July 2017) | Ford Motor Company | Sep 2015 – Jul 2017 |
| <ul style="list-style-type: none">Designed and developed GoRide Intelligent Shuttle / vehicle data collection application using Spring, React, Swift and REST.Designed and developed vehicle data collection application using Spring, Angular, Python and REST. | | |
| IT FCG (Sep 2015 – Sep 2016) | | |
| <ul style="list-style-type: none">Designed and developed electronic Pre Delivery Inspection and Ford Diagnostic Service Platform.As part of FDSP's SWAT team, fixed production-critical bugs and implemented highest priority features that were blocking project's progress. | | |
| Undergraduate Research Assistant | Wayne State University | May 2015 – Aug 2015 |
| Software Development Services Intern | Altair Engineering | Jun 2015 – Aug 2015 |
| Computer Science Engineer Co-op | Meritor Inc. | Aug 2014 – Jun 2015 |
| Software Engineering Intern | Harman International | Jan 2014 – Aug 2014 |

EDUCATION:

- 2013 – 2015** **Bachelor of Science in Computer Science with Math minor** **Dean's List**
Wayne State University, Detroit, MI **GPA - 3.64**
- 2010 – 2015** **Computer Science 3+1 Program** **Dean's List**
Macomb Community College, Warren, MI **GPA - 3.82**

PROJECTS:

Enhanced Job & Candidate Application

- Team-based senior capstone project, acting as team lead managing a team of 3.

Dose

- Netty based download server that supports weak and strong (based on file hash) etag.

Saffron

- Generic graph library based in Java supporting directed/undirected weighted/unweighted graphs along with some common applications such as graph traversals, Dijkstra's, BellmanFord.

LANGUAGES AND TOOLS:

Java, Spring, RabbitMQ, REST, JUnit, SQL, Microservices, Flyway, PostgresDB

Prior Experience: ActiveMQ, Liquibase, Jooq, MySQL, Python, C++, C#, JavaScript, ASP.NET, MS SQL Server