NIKHILESH KSHIRSAGAR
SOFTWARE ENGINEER

Education

Rochester Institute of Technology, U.S.A — Aug. 2015 to Aug. 2018
Master of Science Computer Science 2018

Pune University, I — June 2010 to May 2012
Master of Computer Science 2012

Pune University, India — July 2007 to May 2010
Bachelor of Computer Science 2010

Employment

Paychex — Rochester, New York
Software Engineer — Jan. 2020 to Current

- As a member of automation tool development team, I have worked on creating an automation suite for Paychex using Docker, Openshift, Kotlin, Spring Boot, Oracle and Puppet.
- Created API using Spring Boot and Kotlin to register, execute tests . Created a queuing mechanism for tests to execute in reliable and orderly fashion using Kafka.
- Worked on making the automation test platform fault tolerant by implementing fail over mechanism and implemented rerouting algorithm to utilize resource optimally.
- Provided documentation for system architecture and design specification and presented application features to Paychex employees and management.
- Other responsibilities included responding to questions, researches and resolving issues to provide technical support for production applications. Also extending functionality for existing legacy test framework using .Net, C# and SQL.

Complemar Partners — Rochester, New York
Software Engineer — Aug. 2017 to Jan. 2020

As a member of Complemar's software development team, my daily responsibilities were to actively contribute to building innovative and robust software which included

- Working on reactive functional programming using .NET MVC, SQL server and Vuejs for creating logistics and warehousing software suite, customer-facing websites and seller platforms.
- Designing and developing packaging station that helped reduced the packing time and improve warehouse productivity. Developed print management feature to significantly reduce the time required for packing and shipping packages in the warehouse.
- Developing and extending features for the customer-facing website used for order management, account management, warehouse inventory tracking, and payment system.
- Working on integration with the external system like QuickBooks, Channel Advisor, and Seller Cloud to provide seamless order importing and fulfillment platform.
- Working on third party customer cart integration like Amazon, Shopify, Woo Commerce, Volusion and Magento.
- Refactoring monolithic legacy system into easily manageable and maintainable microservices thus improving CI, CD process.

Response Care — Rochester, New York
Software Engineer Intern — June 2017 to Aug. 2017

- Worked on embedded Linux to record data and generate alerts on devices for nurse calling system.
- Worked on web integration and feature enhancement for backend services using Java and PHP.
- Worked on creating a virtual perimeter around a building by analyzing RSSI values using algorithms like Kmeans, SVM and mean square error.

Soft-Corner — Pune, India
Software Engineer — Jan. 2012 to June 2015

- Worked on project Node Advisor to create a platform for node.js devs to search and quantify node modules. The project implemented Google page ranking algorithm using Node.js, backboneJs, ExpressJs, MongoDB and ElasticSearch.
- Worked on DeASRA project to build a multi lingual website for non profit organization using Python, Django REST framework.
- Worked on cross platform application to maintain electronic health records using Java, SQLite (in memory data replication) and PhoneGap.

Contact

✉ kshirsagar.nikhilesh@gmail.com
📞 5853514352
📍 363 W Squire Dr, 8,
   Rochester, NY 14623
in nikhileshkshirsagar
⌂ NikhileshKshirsagar

Skills

INTEREST AREAS
Full Stack Development
Microservices
Automation
Ecommerce

LANGUAGES
C#
Kotlin
Java
Python
Javascript

DATABASE
SQL Server
MySQL
MongoDB
ElasticSearch

TECHNOLOGIES
REST API
Webservices
Docker
Opneshift

FRAMEWORKS
Springboot
.NET
Vuejs