

SAUMIL S. SONI

saumil.s.soni@gmail.com | (818) 306 - 6329 | 1010 Sherbrook Court, Wexford, PA 15090

Portfolio Website: www.SaumilSoni.me

Skills

Languages: Java(J2EE), C#, Python, SQL, JavaScript

Libraries: AngularJS, jQuery, d3.js, Bootstrap, Swing(Java)

Tools: MySQL, ERwin(Data Modelling), Netbeans, Eclipse, Visual Studio

Other Technologies/Tools: JSON, XML, AWS, REST, HTML/CSS, Less CSS, SVG, Ajax, Gulp

Work Experience

Lucas Systems Inc.

July, 2017 - Present

Software Engineer

- ❖ Working on creating an intelligent voice controlled mobile work execution that improve hands-on processes and workflows in warehouses and distribution centers.
- ❖ Using Microsoft technologies such as C# .NET framework and MSSQL for development and JIRA for issue tracking in order to create new customized solution, adding enhancements or debugging the existing solution.
- ❖ Contributing to the core libraries and framework in an effort to create and sustain a reusable and robust boilerplate codebase template.
- ❖ Directly communicating with clients and end users to develop a customized solution that caters towards their needs.

LeadFerret Inc.

March, 2016 - July, 2017

Full Stack Developer

- ❖ Worked on a data management platform with a focus on fullstack web development using cloud-based solutions with AngularJS on the frontend over a PHP-Laravel based backend and MySQL database.
- ❖ Architecting, designing, coding, and analyzing new and existing services as well as creating and integrating REST APIs to the platform.
- ❖ Built reusable libraries/directives in AngularJS and jQuery for future use.
- ❖ Utilizing Gulp for build management and Git for version control.

SD Design

April, 2012 - May, 2014

Java Developer

- ❖ Worked on commercially used desktop and web based applications using Java Spring-MVC framework and Hibernate ORM.
- ❖ Dealt with JavaScript/jQuery/Ajax at the front-end to add asynchronous functionalities to the web pages.
- ❖ Utilized Java Swing to create intuitive UI for standalone desktop applications and HTML5/Less CSS to create responsive and accessible interface for web applications.
- ❖ Used Maven for build management and Apache Subversion (SVN) for version control.

California State University - Northridge

December, 2015 - December, 2016

Frontend Developer

- ❖ Utilized d3.js library to create interactive graphs to visualize the data generated through various research projects in SQL and/or JSON format and using Bootstrap front-end framework to create interactive, responsive and accessible web interface in four official CSUN's websites

Android Developer

- ❖ Furtado-Gallagher Computerized Observational Movement Pattern Assessment System (FG-COMPASS) to easily collect, monitor, analyze, and report student's results, thus allowing assessment practices in fundamental movement skill performance to be more easily integrated into the instructional process in Physical Education.

Personal projects:

AnonyVoice:

- ❖ AnonyVoice is an anonymous feedback system which helps in reducing the communication gap between the Professors and students. The data generated using this application can help Professors evaluate the class performance for every topic covered in class enabling them to identify problems and approaches they can use to avoid them.
- ❖ Awarded funding by the Graduate Studies department of CSUN to develop this project.
- ❖ The web application is built from scratch on Java - MVC framework with Bootstrap in the frontend for a responsive and accessible UI. AWS services (EC2, EMR, RDS, Route 53 and S3) were used in deploying and hosting the application.

Polaris:

- ❖ Polaris addresses the three biggest limitations of current navigation services: lack of indoor navigation, information regarding accessible route for physically challenged people and interactive operation without the active Internet connection.
- ❖ The Android application is built following the "Travelling Salesman" approach.

ErCafe - social-educational platform for students and tutors, **Smart location reminder**, **ImgEcho** - an online image rating and reviewing application, **Recipe builder**, **Folder locker** for Windows platform, **Portfolio/Informational websites** and many more.

Education

- ❖ **Master in Computer Science** from California State University Northridge, December 2016
 - ❖ **Bachelor in Computer Engineering** from Gujarat Institute of Technical Studies, July 2014
 - ❖ **Diploma in Course on Computer Concepts (CCC)** from Department of Electronics and Accreditation of Computer Classes (DOEACC), July 2008
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Contributions and Achievements

- ❖ An active contributor in **StackOverflow** community and among the **top 2%** of the total users.
- ❖ **Awarded funding** by the Graduate Studies department of California State University Northridge (CSUN) to develop a personal project **AnonyVoice** - an anonymous feedback system.
- ❖ Former **Representative of Computer Engineering department** from Gujarat Institute of Technical Studies (GITS) for Universal Development of Integrated Skills through Higher Education (UDISHA) club created by Gujarat Technical University (GTU).