

# Dhawal Soni

2301 SW 15<sup>th</sup> ST, Bentonville, AR • (480) 277-2731 • dhawal9035@gmail.com • <https://github.com/dhawal9035>

## EDUCATION

### Masters of Science (MS) in Computer Software Engineering

Fall 2015-Spring 2017

Arizona State University, Tempe, United States

GPA: 3.9/4.0

**Courses:** Advanced DS & Algorithms, Computer Architecture, Software Enterprise:1,2, Mobile Systems, Programming Paradigm, Distributed Database systems, Software Verification Validation and Testing

### Bachelor of Engineering in Computer Engineering

Aug2008 - June 2012

Gujarat Technological University, Gujarat, India

CGPA: 7.35/10.0

## WORK EXPERIENCE

### @WalmartLabs, Bentonville, AR, **Role: Programmer Analyst**

June 2017-Present

- Working on the Dispense module of the Integrated Fulfillment system of Walmart Labs.
- Implemented a very business critical feature for taking market specific outage in a segregated system.
- Setup a new environment for Continuous Integration and Delivery.
- Removed the existing purge order logic and integrated with a new framework to reduce the load on the transaction system.
- Appreciated for actively involving in OnCall tasks along with the development work.

### AstraZeneca Pharmaceuticals, Boston, MA, **Role: Software Development Intern**

June 2016-December 2016

- Implemented RestFul Services to communicate with AngularJS and render the information properly on front end.
- Worked on making the Web Application Open Source Ready and be a contributor in the Open Source Community.
- Changed the whole codebase that included the Front End Angular code and Backend Java code to be MVC compatible.

### EpiFinder Inc., Tempe, AZ, **Role: Voluntary Software Developer**

September 2015 – May 2016

- Built REST Web Services for interaction with the iOS application that is part of the EpiFinder application stack.
- Configured and deployed the application on a HIPAA compliant and enabled the SSL certificate.

### Tata Consultancy Services Limited, Pune, India, **Role: Systems Engineer**

August 2012 - June 2015

- Researched and implemented a **security solution** to mask the sensitive data of client using Virtual Private Database(VPD)
- Developed Hotel Management System as a **Team Lead** following the MVC framework
- Awarded with **Kudos of the Batch** Award for excellent performance during the training period among 250 trainees

## PROJECTS

### Salesforce Instance Monitoring Web Application: Arizona State University, Tempe, AZ

Spring 2017

- Developed a RestFul web application that would monitor the instances hosted on Salesforce.com and send notifications to users
- Enabled Auto Scheduling of the web app to check the status of the instances every 15 minutes by consuming the API via REST.

### NYC Taxi Data Analysis in a Distributed Environment: Arizona State University, Tempe, AZ

Fall 2016

- Used 1.8GB of NYC Taxi Data of Jan 2015 to analyze the hottest pickup spots in the NYC area.
- Used Hadoop, Map-Reduce and Apache Spark on a clustered environment of 4 machines to do the analysis of the data.

### Programming Language: Arizona State University, Tempe, AZ

Spring 2016

- Created a Programming Language that included the Compiler, Intermediate Code Generator and the Runtime environment.
- Defined the grammar along with enabling recursive functions, if..else construct and while loop functionality.

### MeetMe – ICSE SCORE competition project: Arizona State University, Tempe, AZ

Fall 2015

- Created a meeting planner application using **Agile/Scrum Methodology** to enhance the features of doodle.com
- Established **Google** and **Facebook** authentication using OAuth 2.0 and deployed the website on OpenShift Server

## SKILLS PROFILE

**Programming Skills** : Java, AngularJS, Spring Boot MVC, Spring Data JPA, Spring Security, RestFul Web Services, HTML, JSP, XML, CSS, JavaScript, JQuery, Bootstrap, Python, C#. NET, C++, JSON, AJAX, Spring MVC, Hadoop, Apache Spark, Map Reduce, RedHat, Linux, AWS, Web Ontology Language(OWL), XPath, Maven, Gradle, ANTLR, Swift, Android, iOS Development, ArcGIS, OAuth 2.0, Virtual Private Database(VPD), Oracle Access Manager(OAM), Oracle Internet Directory(OID), WebLogic Server, Oracle E Business Suite 11i Application

**Databases** : Informix DB, MySQL, SQL Server, Oracle 10g, Oracle 11g, Postgres SQL, SQLite

**Tools** : Jira, Jenkins, AppDynamics, SOAP UI, Spring STS, MySQL Workbench, GitHub, PHPMyAdmin, SVN, Taiga, Eclipse, IntelliJ, PyCharm, Android Studio, XCode, NetBeans IDE, MS Visual Studio, Putty, Psftp, VNC Viewer, SQL Developer, Oracle Fusion Middleware Products, Oracle E Business Suite, WebLogic Server