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# Sri Harsha Pothineni

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## SKILLS

Languages:	Java, Kotlin, C#
Scripting Languages:	PHP, Python, Dart, CSS, JavaScript, jQuery
IDE's:	IntelliJ, PHPStorm, PyCharm, Visual Studio
Frameworks:	React, Zend, Flutter
Database:	Realm, MySQL, MongoDB, Elasticsearch, Oracle
Content Management:	Drupal 7, WordPress
Virtualization:	Docker
Version Control Systems:	SVN, Git
Operating Systems:	Linux, Windows, Mac

## EXPERIENCE

### **Paycom Payroll LLC, Oklahoma City** - *Android and Web Developer*

Feb 2017 - PRESENT    Kotlin, Java, React, PHP, Realm, MySQL, JavaScript

- Developed an Analytics Manager that supports multiple different analytic services and allows them to be easily added.
- Refactored a monolith project to a modular project.
- Added feature flag architecture which helps define flags and configure them both locally and remotely to aid in testing.
- Developed Paycom's Mileage Tracker app - Tracks mileage for expense reporting including functionality for adding receipts which can later be uploaded to the online system as expenses.
- Implemented auto tracking feature in the Mileage Tracker app which automatically tracks trips and improved it by adding Activity Recognition Transition API to detect whether the User is driving or not.
- Worked on Paycom mobile app. Implemented quick login and fingerprint features for the mobile app.
- Developed a Wearable App for Timecard interaction and Integrated Mileage Tracker App control using wearable.
- Wrote a Rest API using Zend Framework to interact with the Mileage Tracker App.
- Built a Mobile Device Registration for Paycom Employees from the Online System.
- Wrote extensive Unit tests for all the Apps developed by the Mobile Team including setting up mock services for data driven testing.
- Built a Trip Generator that created mock trips for the Mileage Tracker App which enhanced the Team's ability to test and evaluate its features and deliver a high quality product.
- Developed a receipt parser for the Mileage Tracker App using Machine Learning Kit's (Google's ML Kit) text recognition API.

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- Mentored Software Developer Interns at Paycom and guided them through their internships.
  - Worked on integrating Paycom's Online system with the Google Assistant - created voice commands that interacted and fetched data from the system.

### **University Of Oklahoma - Digital Scholarship Lab, Norman** - *Web Developer (GRA)*

August 2015 - December 2016 Python, Elastic, Celery, MongoDB, JQuery

- Developed a [Data Mining web application](#) that parsed Congressional hearing data and provided source text for Elasticsearch. Developed the service for data ingestion and indexing.
- Designed the database architecture for storage of data using MongoDB.
- Used Celery Distributed Task Queue system for setting up tasks and jobs.

### **Paycom Payroll LLC, Oklahoma City** - *Software Developer Intern*

May 2015 - August 2015 and May 2016 - August 2016 Java, PHP, MySQL, AngularJS, JQuery

- Worked on fingerprint authentication prototype application using Java.
- Developed a simple mobile wrapper prototype application using Adobe Phonegap including sending push notifications functional as a proof of concept.
- Developed a prototype banking application using AngularJS and ASP.NET.
- Wrote Payroll reports for Client Reps using PHP, MySQL and JQuery.

### **University Of Oklahoma - MIS Department, Norman** - *Web Developer (GRA)*

February 2015 - August 2015 Python

- Developed a python script that parses student feedback which is used for data visualization.
- Worked in setting up a Mail Server to send out phishing emails for security awareness project.

## **EDUCATION**

### **University of Oklahoma, Norman** - *Master of Science in Computer Science*

Dec 2016

### **JNTU, Kakinada, India** - *B.Tech. in Electronics and Communications Engineering*

May 2014

## **PERSONAL PROJECTS**

### **MVVM caching Tutorial**

- Working on MVVM caching tutorial which provides best practices like separation of concerns, dependency injection, and the single source of truth principle.
- This will be explained with the example of fetching data from REST API and cache the results offline to provide a great experience.
- Contains modern Kotlin language features like Coroutines, Flows and Channels.

## **INTERESTS**

Filmmaking and editing

<https://github.com/sriharsha1507>

<https://www.linkedin.com/in/sri-harsha-pothineni>