Susindaran Elangovan | Available for internships starting Spring 2018

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Education

M.S. Computer Science - Intelligent Systems
The University of Texas at Dallas

3.8/4
Current

B.E., Computer Science and Engineering
Anna University, India

8.5/10
April 2015

Work Experience

The University of Texas at Dallas

Software Developer - Student Worker

Feb 2015 - Present

- Full stack development and support of QuEST Forum/TL-9000 standard services websites, in the Institute of Dala Analytics and Performance Management Lab at UTD.
  Tech Stack: **Spring Security, JSF, Spring MVC, JSP, and Hibernate**

Flipkart Internet Pvt. Ltd., Bengaluru, India

Software Development Engineer

July 2015 - Nov 2016

- A critical part of a team to design and develop a highly configurable, stand-alone, scalable, fail-safe, automated accounting service to validate, enrich and audit all accounting events across the entire organization with very low latency.
- Designed and developed a Multi-Tier Full Stack web application that serves as a console to create, modify, view and restore versioned configurations of the accounting service using **Ruby on Rails, Dropwizard, and MongoDB**.
- Designed and developed a web console and its RESTful backend service to view and analyze failed accounting entries along with necessary information such as point of failure and stack trace and with the ability to retry them in batches.
- Designed and developed an Automated Testing Framework for making RESTful API calls with the ability to make cascading calls using data from the results of previous calls.
- Made significant contributions towards setting up the Continuous Integration and Continuous Deployment pipeline and also integrated the Test Automation Framework in them.

Flipkart Internet Pvt. Ltd., Bengaluru, India

Software Engineer Intern

Mar 2015 – June 2015

- Designed and developed RESTful web service called TaaS that acts as an asynchronous test execution framework and email report generator with results to the user using **Dropwizard, RabbitMQ, MongoDB, Hibernate**.

Skills

Programming Languages	Java, Python, Ruby, Javascript, C++, C, C#
Database	MySQL, MongoDB, Couchbase, Redis, DynamoDB
Frameworks/Technologies	Android, Dropwizard, Guice, Hibernate, Ruby on Rails, Django, Spring, JSF, ReactJS
Tools/Libraries	Jmeter, ClusterShell, rsync
Big Data Ecosystems	Hadoop, MapReduce, HDFS, RabbitMQ

Projects

Automatic Bug Triaging

Jun 2014 - Mar 2015

A Machine Learning Approach to automatically suggest potential developers for fixing a bug, by predicting the most probable software component in which the bug may reside in, using the extracted keywords from the bug description.
Github - goo.gl/f1KvnT

Mercato   *Jan 2017 - Mar 2017*

A Multi-Tier web application for online shopping built using **Ruby on Rails,** backed by a RESTful web service running on **Dropwizard** and **MySQL**. Github - goo.gl/oIxFbN

AutoSound   *Mar 2016 - Apr 2016*

Android Application that can automatically change the Device's Sound Profiles at particular recurring intervals or as a one-time activity based on the Configuration set by the User. Github - goo.gl/lwHznV PlayStore - goo.gl/ejZcvd

Replayer   *Oct 2015 – Nov 2015*

A configurable automation tool, written in Python to perform Non-Functional Regression testing by relaying production load using **Jmeter**. Replayer uses **ClusterShell** and **rsync** to access the log files in the production machines and extract payloads, API paths and query parameters using regexes. Github - goo.gl/LZpGzs

Ride Share   *Sep 2015 – Sep 2015*

An application that allows users to offer or request a ride by specifying a source and destination positions. Awardee of "The best Social hack" of the Hackathon organized by Flipkart Internet Pvt. Ltd.
Tech stack: **Django, dropwizard, Hibernate,** and **MySQL**

Connect Four   *Jul 2014 – Jul 2014*

An Android application built using **Unity** Game Engine, Appwarp cloud service, and **C#**. A real-time turn-based Online Multiplayer Game to compete with players around the World, integrated with a ranking system to enable fair matchmaking between players of equal/similar skill level and experience. Playstore - goo.gl/BPOyRR

Score-Live   *Apr 2014 – Apr 2014*

A web-based application to dynamically update the scores of live events and push notification in real-time using **ReactJS, Spring,** and **Hibernate**.

Honors & Awards
- Participated in "**Hack Flipkart**" and developed "**Ride Share**" and won **"The Best Social Hack"** award.
- Recipient of"**Cognizant Foundation Merit Scholarship**" for Academic Excellence from 2011-2015 from **Cognizant**.
- **Head and Organizer of technical events in college** and awardee of **"Best Outgoing Student"** award.