

SUDHARSANAN MURALIDHARAN

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Portfolio: <http://sudharti.github.io>

Objective: To seek a challenging work environment in the field of Computer science.

Technical Skills:

- Programming Languages: Java, C++, Ruby, Python
- Frameworks: Ruby on Rails, Spring MVC, Spring Boot, Java EE, Node.js, Ember.js
- Web Technologies: HTML5, CSS, Sass, Javascript, JQuery, AJAX, Bootstrap 3, Handlebars.js, REST
- Technologies: Android, Git, Maven, Gradle, Junit, RSpec, Memcached, Solr, Elastic Search, Resque
- Database: MySQL, PostgreSQL, OracleSQL, Mongo DB, Redis, Couchbase, Hibernate
- Dev Tools: Eclipse, Spring Tool Suite, Android Studio, Vim
- Deployment Tools: Nginx, Tomcat, Amazon web services, Heroku, Jenkins, Capistrano

Education:

Master of Science in Computer Science

The University of Texas at Dallas, Richardson, Texas

Expected August 2016

GPA: 3.29

Bachelor of Technology in Computer Science

SASTRA University, India

June 2013

GPA: 8.3/10

Work Experience:

Java Developer Intern - Copart.Inc, Dallas, TX

June 2015 – Present

- **Assignment Creation web service:** Developed a Web service using Spring boot to create assignments for vehicles which is one of the primary functionalities of Copart Middleware.
- **Couchbase data sync:** Developed a Spring integration project to synchronize data from a relational database system to document database like Couchbase and Solr.
- **Micro web services:** Designed and developed various Micro Web services which are deployed independently and communicate with each other using HTTP/REST as part of a Service Oriented architecture.

Android Developer - Tata Consultancy Services, India

August 2013 – May 2014

- **United News for Android:** Built a news reader Android application for the client United Airlines for their internal management.

Software Engineer Intern - Tata Consultancy Services, India

January 2013 – March 2013

- **Retail Shopper:** Built an e-commerce mobile application using HTML5, CSS, JQuery, JQuery Mobile and Phonegap.

Academic & Individual Projects:

- **Socify:** Developed an open source Social networking platform using Ruby on Rails. The application is deployed using Capistrano to Amazon EC2 servers with Nginx and unicorn.
- **Comet Cabs:** Built a taxi-on-demand web application using Ruby on Rails, PostgreSQL & Redis which uses node.js for real-time performance.
- **Detecting Human activity from video scripts:** Developed a project which detects human activity from real-time video scripts using OpenCV, Python and WEKA.
- **Microblogging Application:** Implemented a Micro blogging web application like Twitter using Ruby on Rails and deployed to Heroku.
- **Class scheduler:** Developed a configured automated system to check conflicts in timings of classes using Java EE, JSP and Hibernate.

Achievements:

- **Runner up, Mobile development:** Built & presented a Fitness tracker Android app which secured 2nd position in national level mobile app development competition conducted by Tata Consultancy Services.