

SUDHARSANAN MURALIDHARAN

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

TECHNICAL SKILLS

- **Programming:** Java, C++, Ruby
- **Frameworks:** Ruby on Rails, Spring Boot, J2EE, Ember.js
- **Web Technologies:** HTML5, CSS, Sass, Javascript, JQuery, Ajax, REST
- **Technologies:** Android Development, Git, Maven, Gradle, Solr, Hibernate, Memcached
- **Testing Tools:** RSpec, Capybara, FactoryGirl, JUnit
- **Database:** MySQL, PostgreSQL, Mongo, Redis
- **Development Tools:** Eclipse, Spring Tool Suite, Android Studio, Vim
- **Deployment Tools:** Amazon Web Services, Nginx, Apache Tomcat, Jenkins

EDUCATIONAL QUALIFICATION

Master of Science in Computer Science

The University of Texas at Dallas, Richardson, Texas

Expected December 2016

GPA: 3.29

Bachelor of Technology in Computer Science

SASTRA University, India

June 2013

GPA: 8.3/10

WORK EXPERIENCE

Software Developer Intern - Copart, Inc, Dallas

June 2015 – Present

- Developed multiple versions of Assignment web service using Spring Boot which is used to create new Assignments for vehicles at Copart.
- Created a Spring Integration project to synchronize data from a relational database system to document database like Couchbase and Solr.
- Developed a Search micro service using Spring Boot which validates and retrieves indexed results from Apache Solr.
- Converted native SQL queries to HQL thereby providing an Object oriented approach for fetching lot details from the database using Hibernate.

Android Developer - Tata Consultancy Services

August 2013 – May 2014

- As a Lead developer in mobile division, created a News reader Android application for United Airlines which consumes their Internal API.

Software Engineer Intern - Tata Consultancy Services

January 2013 – March 2013

- Built an e-commerce Hybrid mobile application using Phonegap. Technologies used are HTML5, CSS3, JQuery, JQuery Mobile and it consumes an API written using Java EE.

ACADEMIC & INDIVIDUAL PROJECTS

- **Social networking platform:** Developed an Open Source Social networking platform using Ruby on Rails, PostgreSQL and Node.js along with a tutorial explaining the development flow.
- **Comet Cabs:** Built a taxi-on-demand web application using Ruby on Rails as part of Web Programming coursework. It uses a Redis queue and Node.js with Socket.io to ensure real-time data push to the Client.
- **Smart Kiosk (IoT):** Built an application prototype which would redefine shopping experience for consumers, using next generation beacon technology. The tech stack involves Rails, Node.js, Google cloud messaging and Android and chosen as one of top 5 hacks at Hack Illinois, Chicago, 2015.
- **Twitter clone:** Implemented a Micro blogging web application like Twitter using Ruby on Rails and deployed to Heroku.
- **Detecting Human activity from video scripts:** Developed a project which detects human activity from real-time video scripts using OpenCV, Python and WEKA.

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.