SUDHARSANAN MURALIDHARAN

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

Technical Skills:

- Programming Languages: C, C++, Java, Ruby
- Web Frameworks: Ruby on Rails, Spring, Spring Boot, Node.js, Ember.js
- Front-end Web Technologies: HTML5, CSS3, Sass, Javascript, JQuery, AJAX, Twitter Bootstrap, Handlebars
- Database: MySQL, PostgreSQL, OracleSQL, Mongo DB, Redis, Couchbase, Hibernate
- Technologies: Android, Git, Maven, Gradle, Junit, RSpec, Factory Girl, Memcached, Solr
- Development Tools: Eclipse, Spring Tool Suite, Android Studio
- Deployment: Nginx, Amazon web services, Capistrano, Heroku, Jenkins

Education:

Master of Science in Computer Science   Expected August 2016
The University of Texas at Dallas, Richardson, Texas   GPA: 3.29

Bachelor of Technology in Computer Science   June 2013
SASTRA University, India   Aggregate: 83%

Work Experience:

Java Developer, Copart.Inc   June 2015 – Present
- **Assignment Entry web service:** Developed a web service using Spring boot to create assignments for lots which is one of the primary functionalities of Copart.
- **Couchbase Sync up service:** Designed and developed a Spring integration project to sync data from one relational database to document database like Couchbase and Solr.
- **Micro services:** Developed various efficient micro services using Spring boot in an agile blended software environment.

Software Developer, Tata Consultancy Services   August 2013 – May 2014
- **United News:** Developed a news reader android application for united airlines while working under Mobility division of Tata Consultancy Services.

Academic & Individual Projects:

- **Socify:** Developed an open source Social networking platform using Ruby on Rails along with a blog post explaining the workflow of development.
- **Comet Cabs:** Built a taxi-on-demand web application using Ruby on Rails which also 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 and python.
- **Twitter Clone:** Implemented an open source clone of Twitter using Ruby on Rails. The application uses Twitter Bootstrap as front-end design framework and PostgreSQL for database.
- **Internet of Things:** Built an intelligent kiosk system using next generation beacon technology that redefines retail shopping experience. The app is built around Rails, node.js and android and was presented at the Internet of Things hackathon, 2015.
- **Todo0:** An open source prototype application built using Ember.js and Firebase data store.

Honors & Awards:

- **Fitness Tracker**: Runner up in a national level mobile application contest for developing and presenting a Fitness tracker Android app which acts as a pocket dietician.