

# BHARATH YARLAGADDA

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## Objective:

To seek a position in Software Development which helps me learn new technologies, solve problems and contribute effectively to the work environment.

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## Education:

### University of Florida

Master of Science in Computer Engineering

Aug 2012 - May 2014

GPA - 3.7/4.0

### Maharashtra Academy of Engineering

(University of Pune)

Bachelor of Engineering in Computer Engineering

Sep 2006 - Jun 2010

Avg% - 63.5

Passed with Distinction

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## Skills:

- **Programming Languages:** Java(Proficient), C++ (Projects), PHP (Projects), Scala (Projects).
- **Scripting Languages:** Shell Script, Python (Beginner), JavaScript(projects), SQL.
- **Databases:** MySQL, Oracle.
- **Other skills:** Design patterns, GIT, Clearcase, Android Development, Web Development, QFTest.

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## Projects and Work Experience:

Intern at **CommNSense** ( A startup company at UF )

(Sep 2013- Present)

- Developing and maintaining the source for a cloud based logistics Android Application.
- Interface the application with the proprietary hardware to sense the location and state of the shipments.

Software Engineering Intern at **Motorola Solutions Inc.**

(May 2013 - Aug 2013)

- Automation of Performance benchmarking of the Motorola's Interaction framework for android.
- Testing and Reporting bugs in the Interaction Framework.
- Development of some custom Android applications as proof of concept.
- Worked to set up JNI calls to provide an interface between the a custom Android application and their Radio Systems.

Software Engineer at **Persistent Systems Ltd**

(Jul 2010 - Jul 2012)

- Worked on multi threaded software design in Java and Eclipse Plug-ins.
- Designed and developed Eclipse style Development Environment application to display machine outputs in user readable form like graphs. Developed Automated test scripts in QFTest for testing.
- Hands on experience working with Lucene, Hibernate API.

Intern at **Persistent Systems Ltd**

(Nov 2009 - Jun 2009)

- Implemented a decision engine that parses java code as Abstract Syntax Tree to detect design patterns.

- We could successfully detect 7 kinds of design patterns when parsed java api source packages.

#### Academic Projects:

- **Distributed Operating Systems:** Implementation of asynchronous gossip/push-sum , pastry protocols simulation using scala actor model.
- **Zendroid:** An android application that can be used by network managers to fire nmap commands from their mobile. The app can also run ncat, nping and also has nse (nmap script engine).
- **Database Implementation:** Implementation of Database system in C++
- **YADDA:** Implementation of a Distributed Debugger Application like an Eclipse Style IDE that uses graph apis to visualize the flow of execution of Distributed Applications based on the logs. ( can be ported to eclipse also).
- **Mobile Networking:** RapidER - An app as a platform to leverage sensors/networking stack of smartphones for Medical emergency response. (Voted Best project idea/collaboration with UF Medical team).

#### Personal Projects:

- **Bustogo:** Developing an android app to track the bus service in gainesville with added features like setting a notification service on particular bus based on time or on location.
- **Vox Pop:** A civic engagement app built to help people report issues, engage in debates and help each other on their projects to do some good to the community.

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#### Achievements:

- **Honourable Mention Award** in War of the Worlds Hackathon for Vox Pop app.
- **Team Excellence Award** Awarded for best team in the company.
- **Customer Delight Award** for complex client deliverable.

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References will be provided on request.