BHARATH YARLAGADDA

3800 SW 34th Street, P-128,
Gainesville, Florida-32608.

314-435-9695
bharath.yarlagadda89@gmail.com

Objective:

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

Education:

University of Florida — Aug 2012 - May 2014(Expected)
Master of Science in Computer Engineering — GPA - 3.81/4.0

Maharashtra Academy of Engineering — Sep 2006 - Jun 2010
(University of Pune) — Avg% - 63.5
Bachelor of Engineering in Computer Engineering — Passed with Distinction

Sri Chaitanya Jr College — July 2004 - July 2006
Board of Intermediate Education — Avg% - 89

Skills:

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

Projects and Work Experience:

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.
- **Computer Simulation:** Simulating a queueing system using blender and python scripts for an amusement park.
- **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).
- **Stack Explorer:** Developing a website for mining over the data of popular website stackoverflow.com. Developed using Oracle, Java, PHP, HTML, CSS and JavaScript.
- **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:

- **MapLA - Android App:** Developed an app that can give notification for Los Angeles tourists about the local attractions like Hollywood stars and celebrity houses based on their location Similar to Google's Field Trip.
- **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.

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.
- **Scholarship for 11th and 12th** from Sri Chaitanya Junior College.

References will be provided on request.