ASHWIN BALACHANDRAN

Irvine, California 92612 | (949) 414-1157 | balachaa@uci.edu | linkedin.com/in/ashwinbalachandran/

SUMMARY

- Currently a Master of Computer Science student at University of California, Irvine.
- Have 2 years' experience in a fast-paced software development environment with a knack for troubleshooting and ability to provide quick solutions to problems.
- Experienced in application development, shell scripting, database management, product testing and deployment, UI testing, and release management.
- An ethical and resourceful worker having keenness to work efficiently and adapt readily.

EDUCATION

UNIVERSITY OF CALIFORNIA, IRVINE, Irvine, California
Master of Computer Science, Expected December 2019

Manipal Institute of Technology, Manipal, Karnataka, India
B. Tech, Information Technology, 2012-2016, CGPA: 7.61/10

TECHNICAL SKILLS

Programming Languages:	Java, JavaScript, HTML/CSS, C++, Hibernate
Databases/Build:	Oracle, Tomcat 7 & 8, Maven, Shell scripting
Operating Systems:	Windows, Linux (RHEL, Solaris)
Dev Ops:	Tortoise SVN, JIRA, Crucible

EXPERIENCE

MAHINDRA COMVIVA, Gurugram, Haryana
Engineer – Product Development, Africa Integrated Operations, 8/2016 – 7/2018

- Developed crucial features for the company's mobile financing solution in eight central African countries including efficient and innovative solutions for multi-user cash transactions, middleware for merchant payments.
- Features included various financial services in Java for USSD(Unstructured Supplementary Service Data) including peer-to-peer payment, micro loans, multi-vendor bill payment gateway and other customer services serving approximately one million users in each country.
- Created data reports to track daily transactions for a few merchants in Pentaho's Data Integration.
- Handled all configuration management and monitoring support for all major deployments.

OTHER PROJECTS

Implementation of Local Binary Patterns, *2016*
Research project in image compression.

- Implemented an image compression algorithm using the concept of Local Binary Patterns in C++ along with OpenCV libraries.
- Local binary patterns are used as predictive algorithm for image compression and reconstruction.
- Images reproduced using this algorithm had an approximately 12% higher compression ratio compared to JPEG.

Virtual Casino ● Software Developer, *2014*
Web application that simulated 3 classic casino games.

- Designed the user interface using Java Swing and a MySQL database for the back end.
- Implemented Black Jack, Roulette and a slot machine using core Java.