

Arpith Thomas Varghese

CONTACT INFORMATION 19/271, Pedyil Olives
Thittamel
Chengannur, Kerala, India

mobile: +91 7760697704
e-mail: arpitht@yahoo.co.in

PROFESSIONAL EXPERIENCE **Zynga Game Studios India Pvt. Ltd., Bangalore**
Software Engineer **September 2014 – May 2016**

Game Developer for mobile game 'Speed Guess Something' which is a sequel of the popular pictionary game 'Draw Something'

- Designed and developed in-game achievements
- Added Social Features, including friends and chat

Game Developer for Casual Arcade Shooter Game 'Bubble Safari'

- Worked on the bold beat game-mechanic 'Connected World', aimed at integrating the web and mobile games

ORACLE India Pvt. Ltd., Bangalore

Member of Technical Staff **August 2013 – August 2014**

QA Engineer in Identity Management Team

- Planned and developed software test plans to detect and diagnose bugs for the products Oracle Access Manager and Oracle Single-Sign On
- Performed regression, integration, platform and performance testing to certify the stability and usability of the software
- Worked on automated test cases using Java, Selenium, TestNG and FIAT

EDUCATION **National Institute of Technology Calicut, Kozhikode, Kerala**
B.Tech Computer Science Engineering (CGPA 7.88) **July 2009 – June 2013**

- Relevant Courses: Computational Intelligence, Multi-Agent Systems, Computer Architecture, Data Structure & Algorithm, Computer Graphics & Multimedia

SKILLS

Languages: Proficient: C, C++, Java, Objective C, Ruby on Rails, PHP, SQL
Basic: Python, Linux Shell Scripting

Tools: Subversion, Git, Xcode, Android Studio

Trainings: Completed Oracle University Trainings on Java, J2EE, PL/SQL and Advanced Development Framework

ACADEMIC PROJECTS **Optical Character Recognition :**

- Developed a OCR for Malayalam script using Artificial Neural Networks in C++ using OpenCV
- Achieved a recognition rate of 80 % and precision and recall values of 0.87 and 0.86 respectively

Huffman Encoder Decoder:

- Designed and implemented a software for compressing data using huffman coding in C language
- Achieved a compression ratio comparable to advanced compression formats like bz2, zip, rar

Social Networking Site:

- Designed and implemented a website called fraternity for social networking using PHP and SQL
- It involved features to log-in, add friends, send private messages, change profile, upload images and documents and chat with online users

SIL-SIM Compiler :

Developed a compiler for converting program written in high level source language SIL to low level target language SIM using flex and bison

INTERESTS

**Computer Vision, Machine Learning, Human Computer Interaction,
Game Development**

AWARDS & EXTRA CURRICULAR

- * Emerging Star Award in Zynga - March 2015
- * Completed Grade 1 in Guitar from Trinity College London with Distinction