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EDUCATION

University of North Carolina at Charlotte

M.S Computer Science, Concentration in Visualization

Intended Grad: May 2019

GPA: 3.8

Shivaji University

Bachelor of Engineering in Computer Science and Engineering

Jun 2010 - May 2014

Relevant Coursework: **Advanced Mobile Application Development**, Software System Design and Implementation, Algorithm and data structure, Digital Image Processing, **Visualization and Visual Communication**, Database Systems, Digital Image Processing

Technical skills: iOS – Swift & Objective C (4yrs), Java (2Yrs), MYSQL, Unity, C#, Node JS, HTML & JSP, Amazon AWS, MATLAB

WORK EXPERIENCE

iOS intern at Imaginovation LLC, Raleigh [Domain – Offline Maps, Networking]

May 2018 – Aug 2018

- Developed offline screen sharing between multiple devices using Apple MultipeerNetwork Framework.
- Created custom aviation maps using QGIS, TileMill, Geojson and added functionality to customize the maps within app by adding new layers of data using WhirlyGlobe SDK.
- Implemented Course Deviation Indicator for inflight navigation making use of device GPS and real-time distance between actual track and desired track.

Software Engineer at Syntel Ltd, Pune [Domain – iOS, REST APIs]

Aug 2014 – Jul 2017

- Deployed **BYOD MDM** solution by implementing 15+ REST APIs using Java Hibernate and by creating dynamic web pages using JSP.
- Built Syntel Email iOS App from scratch enforcing all the MDM security policy by having custom provisioning profile, file storage in app container, and separate calendar to handle meeting invites.
- Incorporated third-party libraries using Cocoa-pods and also developed custom UI components as library to be reused within the app

PROJECTS

[Course ITIS/CS 6010] – Advanced Topics for Mobile Application Development - Health Kit App

Dec 2017

Developed questionnaire-based follow-up application for Patients and Doctors – using Node JS & MYSQL backend, React JS for UI, both hosted on Amazon EC2 instance and an iOS app using Swift 4, making use of Apple's Research-Kit framework.

FedEx iOS Mobile App - Client Project, Syntel

Oct 2015 – Jul 2017

Developed iOS app using **Objective C** and **Swift** that allow users to track multiple FedEx packages, reschedule and customize their delivery, check Rates and many more features. Supports 52 languages; 4.7 rating

Syntel Email Client - Internal MDM Project, Syntel

Dec 2014 – Oct 2015

Used **Objective C** and **Java** Rest APIs to build Enterprise Email Client for 20000+ employees of Syntel allowing them to securely use emails, attachment and calendar events for maintaining confidentiality.

Activities

Graduate Research Assistant

Jan 2018 – Dec 2018

Working on a thesis developing an application to sync location and movement data for cross-platform Mixed Reality devices which includes Windows Desktop, Hololens and iOS using ARKit, Vuforia and Unity HLAPI Networking.

Teaching Assistant [ITCS 4123 – Visualization and Visual Communication]

Aug 2018 – Dec 2018

Grading Unity Assignments and helping students develop Virtual Reality and Augmented Reality projects.

Active GitHub contribution towards Immersive Visualization and Analytics Lab at UNCC

Lead my band, "Rock Army" as a Lead Guitarist and won first place for two consecutive years at College Annual Gathering at Sanjay Ghodawat Institute