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Computer Science Graduate

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EDUCATION

Master's of Science in Computer Science

University of North Carolina at Charlotte

08/2018 – 05/2020

3.66

Courses

- Advanced Mobile Application Development
- Algorithms Analysis and Data Structures
- Network Based Application Development
- Machine Learning & Natural Language Processing

Bachelor's of Engineering Information Technology

University of Mumbai

08/2012 – 02/2016

3.02

WORK EXPERIENCE

Software Engineer Intern, Mobile Team

VIZIO Inc

05/2019 – 07/2019

Seattle, WA

Worked on the SmartCast android application for Vizio smart Devices

Tasks/Achievements

- Worked in an agile environment to develop the android application using kotlin and androidx
- Responsible to create dynamic features for the remote capabilities to control multiple devices from the android application
- Made data binding for all the remote actions flexible enough to make all the capability functions independent
- Built the UI with modular nav-graphs for tablets and mobiles to make the remote capabilities adaptable and reusable where and when wanted in the layouts

Software Engineer

GTEN Consultancy Digital Pvt Ltd

10/2016 – 04/2018

Mumbai, India

Was a part of multiple mobile and web application projects

Tasks/Achievements

- Modelled and built advanced applications using RESTful APIs
- Collaborated with cross-functional teams to structure, design and ship new features on tablet and mobile applications in an agile environment
- Performed research and documentation of product requirements through out the project lifecycle
- Applied debugging with problem solving skills and carried out quality assurance tests to detect and resolve errors

SKILLS

Kotlin

Java

Python

NodeJS

JavaScript

MongoDB

Firebase

AngularJS

PostgreSQL

SQLite

Android Studio

Django

JQuery

PROJECTS

Grocery Shopping application (09/2019 – Present)

- Built an android application for grocery shopping with Braintree's credit card payment along with bitcoin payments by coinbase
- Used Node.js and express.js for the backend to build Restful apis for the shopping data along with jwt.io tokens
- Implemented salting in-order to add one more layer of security in hashing

Car Pooling Android Application (08/2019 – Present)

- This is a chatroom application developed in android using firebase for backend along with various authentication
- Integrated google's places api's for the user to select the start point and destination for the ride request
- Used geocoding and google cloud apis for google maps implementation for live location tracking of the driver and the rider

Vizio Device Framework - (Smart device remote library) (05/2019 – 07/2019)

- Responsible for making the android application responsive for both the mobile and tablet devices in androidx
- Designed layout graphs for increased flexibility and modularity in order to get dynamic navigations for the device remote capabilities

Event Management Catering Application (01/2017 – Present)

- Implemented features like appointment scheduling, event staff management, venue selection, inventory management, menu catalogs
- Designed custom Information Retrieval scripts for structured data in PostgreSQL using Django framework of Python to convert commands into reliable SQL queries with the help of QuerySet
- Computed features like appointment scheduling, event management, saving client data using Calendar.js in Android and Angular.js respectfully and ensure the proper integration of applications with APIs for better user experience

PUBLICATIONS

Paper Title

EMOJI PINS

Journal

Int. Journal of Engineering Research and Application.

Sept 2017

ISSN: 2248-9622, Vol 7, Issue 9, (Part 7) September '17, pp.24-27

Kshitij Shah, Parth Mehta