

ANUP V DESHPANDE

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EDUCATION

University of North Carolina at Charlotte - Charlotte, NC
Master of Science in Computer Science | GPA: 4.0

May 2020

Savitribai Phule Pune University - Pune, India
Bachelor of Engineering in Computer Engineering

May 2017

TECHNICAL SKILLS

Programming languages: Swift, Java, Objective-C, C++, SQL, VB.Net, JavaScript

Web Technologies: HTML, CSS, Bootstrap, Node.js, Express.js, Axios

Databases: MySQL, Realm, MongoDB, Cloud Firestore

Services: AWS-EC2, S3, RDS, Heroku, Firebase, Digital Ocean

Tools: XCode, Android Studio, CocoaPods, Adobe XD, Figma, TestFlight, GitHub, Bitbucket, Salesforce

WORK EXPERIENCE

Software Developer, Appzly Inc, Charlotte, NC

July 2020 - Present

- Transformed **Zeplin** and **Figma** wireframes to a native iOS application deployed on **TestFlight**.
- Maximized project efficiency using Jira for continuous feedback and validation.
- Stream Station Link** - iOS Application to stream customer curated video playlists and live channels.
 - Leveraged **Brightcove Player SDK** to render playlists from URIs stored in **Cloud Firestore**.
- EnvisionUS** – iOS Application for trainer-parent-athlete collaboration on student athlete performances.
 - Used **Moya** for network layer abstraction to simplify and modularize **API management**.
 - Ensured high availability (99.95%) of media files (image/video/audio) using **Firebase Storage**.

Graduate Research Assistant, UNC Charlotte, NC

Jan 2020 – May 2020

- Developed an **iOS** application to facilitate 12-week healthy lifestyle program at UNCC Health Lab.
- Converted existing application that used **individual nib files** for each screen, to using **storyboards**.
- Leveraged **Eureka Form Builder** to collect and store meal, exercise and glucose logs to track participant progress.
- Visualized weekly and overall progress in the form of bar charts using **Charts** library.

iOS Developer Intern, Amissa, Charlotte, NC

June 2019 - Aug 2019

- Developed an **iOS** application with companion **WatchKit** extension for Alzheimer's patients where the caretaker can monitor the patient based on vital stats, location and geofence region.
- Utilized **Healthkit** and **Apple Watch's sensors** to detect patient's vital signs in real-time.
- Secured patient identification with **CryptoSwift** and stored the data collected from the Watch to **Firebase Realtime Database**.
- Delivered a beta release on **TestFlight** for User Acceptance Testing (**UAT**) by patients and caregivers.

Associate Software Engineer, Accenture Solutions Pvt. Ltd, Pune, India

Feb 2018 - Jul 2018

- Configured Salesforce applications using **Apex** and **SOQL** to suffice the requirements of client in pharmaceutical domain.
- Utilized **Salesforce Lightning** to make the user interface interactive and easy to use.

PROJECTS

Smart Grocery Store

[Swift, Braintree, Bluetooth beacons, Amazon EC2]

- Developed an **iOS** application using **Estimote SDK** provide a list of discounted products on the closest aisle.
- Deployed a **Node.js** RESTful API on **AWS EC2**, which serves as a middle layer to handle transaction requests.
- Provisioned a shopping cart and ensured fast and secure payments using **Braintree Payments API**.

Social Ridesharing Application

[Java, Firebase, Google Maps SDK]

- Designed an Android application for real-time conversations with ride sharing functionality between chatroom participants.
- Achieved milliseconds message delivery using **Firebase Realtime Database** and stored media files in **Firebase Cloud Storage**.
- Integrated **Google Maps** and Google's **Geolocation API** to share driver's live location with the riders.

Campus Stories

[HTML, CSS, Node.js, Express.js, MongoDB, Heroku]

- Developed a responsive website resembling a social forum and deployed it on **Heroku** Dyno.
- Designed a well-documented **RESTful API** to perform user authentication using **JWT** and CRUD operations on **MongoDB Atlas**.