

# Karan Lnu

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## EDUCATION

Master of Science in Computer Science, University of Massachusetts, Boston

August 2022 – May 2024

Bachelor of Engineering in Computer Science, KCC Institute of Technology & Management, India

August 2015 - May 2019

## TECHNICAL SKILLS

Languages: Swift, C, C++, Python, JavaScript, JAVA

Development Tools: XCode, VSCode, PyTorch

Mobile Development: iOS, Swift UI

Database Management: Realm, Data core

Project Management: Agile, JIRA, Git

## EXPERIENCE

### Senior Software Engineer

Appinventiv Technologies Ltd., Noida, India

Tech Stack Swift, XCode, iOS, AWS S3/EC2, Firebase, Node JS, React JS Web/ React Native

January 2019 - July 2022

- Proficiency with **XCode IDE** and iPhone SDK, **Cocoa Touch**, and Mobile App Development.
- Experience with Swift on **XML, JSON, APNS, FCM, ARKit, iOT bluetooth, and RESTful APIs** Integration, and **Google Map/Location Services**.
- Built, tested and integrated **node JS based service APIs** with downstream services and client UI layer components with performance benchmarking for speed, size, resilience etc.
- I managed and led a team of front-end developers.
- I developed a custom messaging framework using firebase for the organization.
- I Integrated payment gateways like **Stripe** and **In-App Purchase**.
- Hands-on experience with the campaign and analytical tools using SDKs like **Firebase** and **Kochava**.
- Understanding of UI design and a user-oriented focus, hands-on experience in developing iOS Applications.
- Ability to maintain the best relationship with clients and team.

### Software Engineer Intern,

AR Tech Solutions Private Ltd., Noida, India

June 2018 – August 2018

Tech Stack Python, SQL, TensorFlow, PyTorch

- Creating the modern **AI chatbot** with the use of a visual agent and deep learning.

## PROJECTS

Epluribus MOXY (iOS Developer) - [link](#)

October 2019 - January 2021

- I Developed and deployed a **social media iOS application** that surpassed the client's expectations and received appreciation for the same.
- I built a beautiful and customer-friendly UI/UX that includes auto-video play, an audio player for podcasts, analytics tools, **socket chat, subscription model**, Agora SDK integration for live streams, and maintained a **local database** in the application.
- I **Led a team of 5-6 people** and managed the inter-team communications between teams situated in different locations during the pandemic, mostly in different time zones.
- Followed an **MVC architecture** for the project and integrated **REST web services in the iOS app**.
- Architected and shipped the mobile app to both Android and iOS stores.

GBS - Saliva Glucose Biosensor (Sr. iOS Developer)

February 2021 - June 2021

- I Developed an **IoT application** that manages the activity of users' glucose readings, carbs, and exercise.
- I Integrated **Core Bluetooth(BLE)** to transfer glucose reading from a Bluetooth device to our application.
- I have implemented custom animations as per the client's requirements using core animation including dark mode.

Avatus Application (Sr. iOS Developer)

July 2021 - July 2022

- A social media application that allows users to create content anonymously, under the identity of a custom user-created avatar.
- I fixed the memory leaks throughout the application achieving 35% more efficiency.
- Followed an **MVVM architecture, implemented an AR kit, and REST services integration** for the project.

## ACHIEVEMENTS

- National Conference on recent advances in science and technology
- Recognized as the **Employee of the Year at Appinventiv Technologies**

December 2017

October 2020