

# ANKIT MHATRE

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## EDUCATION

**Pace University, Seidenberg School of Computer Science and Information Systems** New York, NY  
Master of Science (MS) in Computer Science | **Concentration:** Artificial Intelligence | **GPA:** 3.54 May 2024

**Mumbai University, Ramrao Adik Institute of Technology** Mumbai, India  
Bachelor of Engineering (BEng) in Computer Engineering June 2018

## SKILLS

**Programming Languages:** Kotlin, Swift, JavaScript, Java, C, SQL, JSON, CSS, XML, Python, Swift, HTML, Bash, PHP  
**Software Development Methodologies:** Agile, Scrum, Waterfall, Software Development Lifecycle (SDLC)  
**Analytics & Project Management Tools:** Google Analytics, MS Excel, JIRA, GitLab, Google Ad Words, Miro, Asana  
**Frameworks:** NodeJS, React.js, Redux.js, Docker, React Native, WebRTC  
**Database Management:** MongoDB, MySQL, SQLite  
**Mobile Development:** RxAndroid, Flutter, Android Studio, Xcode, SwiftUI, MVVM, MVC, Common Design Patterns  
**Software / Tools:** AWS, Figma, Git, RESTful Services, Microservices, Linux, GitHub, Visual Studio Code, Postman, Notion, Firebase

## PROJECTS

**Snacko.Health**, New York, NY, Full Stack Engineer December 2022 – June 2023  
• Developed a portable app using Flutter and Dart to easily scan and retrieve nutrition information for Android and iOS.  
• Build a MongoDB Database of 2.8 million food products with nutrition values and analyzed data using Python and Mongo Shell.  
• Developed and deployed a MERN stack app to handle the requests from the mobile app and used AWS EC2 for hosting.

**Olo**, New York, NY, Engineer and Product Development Collaborator January 2023 – May 2023  
• Interviewed users for consumer behavior and the impact of logistics using Google Forms and Miro for 110 power users.  
• Engineered a 12-screen working prototype of the workflow designed in Figma in collaboration with the team for clarity in the product.

**Pace Careers Mobile App**, New York, NY, Mobile application developer January 2023 – May 2023  
• Configured Push notifications using Firebase FCM and APN on EC2 by AWS, notifying newly added postings within 5 seconds.  
• Developed an iOS app using SwiftUI on XCode to reduce time to learn about job postings from source to candidate in 10 seconds.

## EXPERIENCE

**Testbuzz.in**, Mumbai, India, Co-Founder & Full Stack Engineer April 2020 – November 2021  
• Led cross-functional team in the Agile development of a mobile app using Android Studio, Xcode, and JIRA.  
• Developed a cutting-edge Flutter app, React Web app, and NodeJS for real-time exams attended by 81 students in the first week.  
• Deployed Digital Ocean droplet along with Docker containers which reduced the deployment time by 90% and added SSL security.

**Jio Tesseract Imaging Limited**, Mumbai, India, Software Engineer December 2019 – April 2020  
• Designed video compression platform using FFMPEG, compressing file size by 38% using HLS streaming.  
• Designed and developed a remote assistance for video calling and an orientation SDK with a frame rate of 71FPS using WebRTC.  
• Built a front-end website for developers to upload Mixed Reality applications reducing distribution time by 1 hour saving hassle.

**1337Lab, LLC**, Mumbai, Mobile Application Developer Consultant January 2019 – December 2019  
• Built cutting-edge Android app with React Native, integrating air quality sensors via MQTT and Nordic hardware boards.  
• Enhanced system efficiency by streamlining data telemetry processes, reducing data latency from 7 seconds to 1 second.  
• Implemented cost-effective GSM SIP/VOIP app across 29+ international locations, enabling seamless communication.

## PUBLICATIONS

**Interactive Physiotherapy**, Int'l Journal of Advanced Research, Ideas & Innovations in Technology January 2018  
• Developed physiotherapy system using Unity5 & Microsoft Kinect v2.0, enabling cameras to track users' physical exercises & send data to physicians, allowing for collaborative physical therapy & increasing user participation by 43%.

## CERTIFICATIONS

**Product Manager, Building a product roadmap** January 2023  
Project Management Institute, PMI **Expert Scrum Master, ESMC**

**Product Manager, Building a product roadmap** February 2023  
National Association of State Boards of Accountancy, NASBA