

ANKIT MHATRE

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SUMMARY

An experienced Full Stack Software Engineer turned into a Technical Product Manager with a knack for innovative solutions. Leveraging 4 years of industry expertise and a portfolio of successful mobile apps, including AR/VR SDK, I drive product strategy with precision and creativity. Graduated in Computer Science specializing in Product Management and AI from Pace University on May 2024

EXPERIENCE

Co-Founder & Product Manager, [Testbuzz](#) *Mumbai, India April 2020 – April 2022*

- Deployed a cutting-edge Flutter mobile app along with ReactJS, MongoDB, Node.js, and Docker for real-time test grading online.
- Drafted a strategic business model canvas outlining project timelines and cost-benefit analysis using MS Excel, BMC, and Notion.
- Supervised interns and maintained stakeholder communication, fostering a collaborative and productive work environment.
- Executed a strategic digital marketing campaign using Facebook Ads Manager within a Rs. 5200 budgets. Resulted in 251 user onboarding with 7 completed tests, averaging INR 743 per test.

Software Engineer, Jio Tesseract Imaging Limited *Mumbai, India December 2019 – April 2020*

- Created a video compression engine using FFMPEG and Celery worker using Python, compressing video size by ~38%
- Engineered a video calling service for an XR headset (JIO Glass) and an orientation AIDL service SDK with a frame rate of 71FPS.
- Built an App Store website using ReactJS for developers to upload Mixed Reality applications, reducing distribution time by 1 hour.

Mobile Application Developer Consultant, 1337Lab, LLC *Mumbai, India January 2019 – December 2019*

- Built cutting-edge mobile app with React Native, integrating air quality sensors via MQTT and Nordic hardware boards for IoT.
- Enhanced system efficiency by streamlining data telemetry processes, reducing data latency from 7 seconds to 1 second for VOIP.
- Implemented cost-effective GSM/VOIP app across 29+ international locations, providing seamless communication at reduced price

TECHNICAL SKILLS & CERTIFICATIONS

Programming Languages: Kotlin, Swift, JavaScript, Java, C, SQL, JSON, CSS, XML, Python, HTML, Dart, TypeScript

Software Development Methodologies: Agile, Scrum, Waterfall, Software Development Lifecycle (SDLC)

Analytics & Project/Product Management: Google Analytics, MS Excel, JIRA, GitLab, Google Ad Words, Data Analysis, BMC, Redis

Frameworks: NodeJS, React.js, Redux.js, Docker, React Native, NoSQL MongoDB, MySQL, SQLite, Bash, Jenkins, GitHub Actions

Mobile Development: Reactive Android, Flutter, Android Studio, XCode, SwiftUI, MVVM, MVC, Common Design Patterns

Software / Tools: AWS, Figma, Git, REST Web Services, Microservices, Bootstrap, Linux, GitHub, Visual Studio Code, Postman, Slack

Certifications: Building a Product Roadmap (Project Management Institute – PMI), Scrum Master (NASBA), LinkedIn Learning

PROJECTS

Full Stack Engineer, [Snacko](#) *New York, NY May 2023 – August 2023*

- Crafted Figma mobile mockups for Android and iOS platforms, later implemented using Flutter using DART language.
- Designed meal planning and progress tracking in the app, which led to a 40% jump in user engagement and a CSAT score of 70%.
- Leveraged Docker containers to encapsulate server application components, dependencies, and configurations, facilitating seamless deployments for CI/CD. Reducing deployment time from 10 minutes manually to 12 seconds (98% time saving)
- Managed smooth and efficient traffic routing to the AWS S3 storage and AWS EC2 instances hosting the application using AWS Route 53's robust DNS management capabilities

Product Manager, [Olo](#) *New York, NY January 2023 – May 2023*

- Researched consumer behavior and analyzed Olo Borderless platform impact, leading to a 20% satisfaction boost using Miro
- Planned a product roadmap in three phases: Discovery, Feature Identification, and Design Concept, based on user preferences.
- Created a Figma working prototype with the team to visualize and iterate on design concepts, ensuring alignment with user needs and business objectives.

EDUCATION

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

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

PUBLICATIONS

[Interactive Physiotherapy](#) *January 2018*

- Developed physiotherapy system using Unity5 & Microsoft Kinect v2.0, enabling cameras to track users' physical exercises and send data to physicians, allowing for collaborative physical therapy & increasing user participation by 43%.