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:** Product Management   May 2024
Mumbai University, Ramrao Adik Institute of Technology   Mumbai, India
Bachelor of Engineering (BEng) in Computer Engineering   June 2018

TECHNICAL SKILLS & CERTIFICATIONS

Programming Languages: Kotlin, Swift, JavaScript, Java, C, SQL, JSON, CSS, XML, Python, HTML, Dart
Software Development Methodologies: Agile, Scrum, Waterfall, Software Development Lifecycle (SDLC)
Analytics & Project/Product Management Tools: Google Analytics, MS Excel, JIRA, GitLab, Google Ad Words, Data Analysis, BMC
Frameworks: NodeJS, React.js, Redux.js, Docker, React Route, React Native, NoSQL MongoDB, MySQL, SQLite, Bash, Jenkins
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, [LIVE]   *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 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, [DEMO],   *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.
• Identified key insights showing a 30% increase in customer retention for seamless digital ordering experiences for app exclusive restaurant orders.
• Created a Figma working prototype with the team to visualize and iterate on design concepts, ensuring alignment with user needs and business objectives.

EXPERIENCE

Co-Founder & Product Manager, Testbuzz, [LIVE],   *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 communication with stakeholders, 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

VOLUNTEERING/LEADERSHIP

Head of Design, Computer Society of India - RAIT   **January 2016 – August 2018**
• Led team of five to design newsletter, departmental magazine, & promotional materials using Adobe XD & InDesign.

PUBLICATIONS

Interactive Physiotherapy,[PUBLICATION] 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 and send data to physicians, allowing for collaborative physical therapy & increasing user participation by 43%.