

MANN AMBANI

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PROFESSIONAL SUMMARY

A results-driven **Software Developer** with **2+ years of experience** designing, developing, and maintaining high-quality Android applications using **Kotlin, Jetpack Compose, RxJava, and Dagger Hilt**. Proficient in **MVVM/MVC architecture, RESTful API integration, and secure coding practices**, with a proven track record of publishing apps on the **Google Play Store**, achieving over **50,000 downloads** and a **4.7/5 rating**. Skilled in **accessibility implementation, performance optimization, and cross-functional collaboration**, having reduced app bugs by **20%**, improved data retrieval times by **30%**, and enhanced user satisfaction by **15%**. Adept at working in agile environments using **JIRA, Bitbucket, and Slack**, delivering **10+ features** on time while improving team productivity by **25%**. Passionate about building innovative, secure, and user-friendly digital solutions.

TECHNICAL SKILLS

- Languages:** Kotlin, Java, SQL
- Frameworks & Libraries:** Jetpack Compose, RxJava, Navigation Components, Coroutines, Room, SQLite, Retrofit, Dagger Hilt
- Tools & Platforms:** GitHub, Bitbucket, Slack, Firebase, Git, JIRA, Confluence, Android Studio
- Architectures:** MVVM, MVI, MVC
- Testing:** Unit testing, UI testing, Automation testing, AB testing, User Acceptance testing
- Others:** CI/CD, Agile Development, Data structures, Algorithms, Scrum, DevOps, REST APIs, WebRTC, MQTT, **Database Migration and Application Deployment**

EDUCATION

Mobile Solutions Development - Ontario College Graduate Certificate (GPA: 3.92/4) **December 2024**
Conestoga College, Waterloo, ON

- Award:** Graduated with **High Distinction**

Bachelor of Engineering in Information Technology (GPA: 8.46/10) **July 2021**
Gujarat Technological University, India

- Equivalent to a 4-year Canadian bachelor's degree evaluated by **WES**

PROFESSIONAL EXPERIENCE

Android Developer, OOB SMARTHOME, India **July 2022 - July 2023**

- Developed and maintained high-quality Android applications using **Kotlin, Jetpack Compose, Dagger Hilt, and RxJava**, adhering to **MVVM/MVC architecture** and clean code principles, resulting in a **20% reduction in bugs** and improved code maintainability.
- Integrated **RESTful APIs** and third-party libraries, including payment gateways, to enhance app functionality, leading to a **15% increase in user satisfaction** and seamless transaction processing.
- Published and maintained apps on the **Google Play Store**, achieving a **4.7/5 rating** with over **50,000 downloads** and ensuring compliance with **accessibility standards** (e.g., screen reader support, high-contrast modes) and **security best practices**.
- Utilized **SQLite and Room Database** for local data storage, optimizing app performance and reducing data retrieval time by **30%**.
- Collaborated with cross-functional teams, including **iOS developers and backend engineers**, to deliver cohesive features, ensuring seamless data synchronization and a consistent user experience across platforms.
- Conducted **unit testing** and **UI testing** using JUnit and Espresso, reducing post-release defects by **20%** and improving app stability.
- Ensured compliance with **industry regulations** by implementing secure coding practices and encrypting sensitive user data, aligning with **PCI-DSS standards**.

Jr Software Engineer, BrainyBeam Technologies, India **August 2021 - June 2022**

- Designed and implemented Android applications using **Kotlin, XML, Dagger Hilt, and Navigation Component**, ensuring adherence to **MVC architecture** and clean code practices, which reduced onboarding time for new developers by **40%**.
- Integrated third-party libraries and APIs to enhance app functionality, improving app performance by **25%** and ensuring **99% uptime** across multiple devices.
- Collaborated with **product owners** and **QA testers** to refine requirements and resolve issues, contributing to a **15% faster release cycle** and higher-quality deliverables.
- Utilized **GitHub** for version control and **JIRA** for task management, ensuring seamless collaboration in an agile environment and delivering **5+ projects** ahead of schedule.
- Implemented **Firebase Analytics** to track user behavior, enabling data-driven decisions that improved user engagement by **10%**.

Software Engineer - Intern, BrainyBeam Technologies, India **January 2021 - July 2021**

- Assisted in developing Android apps using **Kotlin**, focusing on usability best practices, which led to a **15% improvement in user engagement metrics** and higher app store ratings.
- Integrated third-party APIs for data synchronization, improving app performance and ensuring **98% uptime** across multiple devices and platforms.
- Gained hands-on experience with **Git flow strategies** and agile methodologies, contributing to the timely delivery of **5+ significant features** ahead of schedule.

CERTIFICATIONS

DevOps, Cloud and Agile Foundation, IBM **February 2025**
Java Algorithms, LinkedIn Learning **January 2025**
Helena Webb Mentorship Program, Conestoga College **December 2024**
The Complete Android N Developer Course, Udemy **May 2023**

PROJECTS

Local Video Call, Self Development ([GitHub](#))

Present

- Designed and developed an offline Android video call app using **Jetpack Compose** and **WebRTC**, integrating **Sockets** for seamless, real-time communication, enhancing user experience in low or no connectivity environments.
- **Tech Stack:** Kotlin, Jetpack Compose, WebRTC, Sockets.

Garden Nerds, Conestoga College ([GitHub](#)) ([Demo](#))

December 2024

- Collaborated with teammates to develop a smart garden management mobile and wear OS app that helps users scan garden areas using **AR** and **OpenCV** and gives customized product suggestions using **REST APIs** and smart real-time reminders.
- Detected program bugs through standardized tests and prioritized the order of issue fixes.
- **Tech Stack:** Android, Java, REST APIs, Retrofit, SQLite, MVVM, XML.

BLE Product Testing, Freelance ([GitHub](#))([Demo](#))

January 2023

- Developed an **MQTT-based app** for IoT synchronization, optimizing real-time communication between devices with minimal latency and contributing to the seamless integration of IoT solutions.
- **Tech Stack:** Android, Kotlin, MVC, MQTT Paho, XML.