

Jovita John

Android Developer

Senior Android Developer with over eight years of experience and a proven track record of successful projects and achievements. Skilled in utilizing advanced technologies and problem-solving skills to overcome challenges, including implementing Augmented Reality and managing large volumes of data with cluster management. Demonstrated leadership abilities through mentoring and managing teams, poised to leverage my expertise to contribute to the development of innovative and high-quality Android applications.

Skills

- Mobile Technologies: Android - SDK, Jetpack (Compose, Coroutine, Live Data, View Model, Navigation, Data Binding), Firebase, Retrofit, SQLite, Push Notification, Third party libraries, Location Based Services, Content Provider, RESTful Web Services, Unit Testing, Espresso, MVVM, BLE technology, Augmented Reality (ARCore), MLKit, React Native.
- Programming: Java, Kotlin, XML, HTML5, SQL, JSON, JavaScript, PHP, OOP
- Tools: Android Studio, Eclipse, Git, SVN, Different project management tools(JIRA, Trello...)
- Database: Oracle, MySQL, SQLite, ROOM
- Methodologies: Agile, TDD.

Education

- Master's degree in Business Information Technology - Edinburgh Napier University, UK. (2022-23)
- Master's degree in Computer Application - Sikkim Manipal University, India. (2011-13)
- Bachelor's degree in Computer Science - Bharathiar University, India. (2008-11)

Professional Experience 8+ Years

Freelance Projects (Dec 2023 – Present)

- Developed an application to use SWAPI and display the details in minimalistic user interface. Used Jetpack compose for UI and retrofit for APIs. Material theme builder, Jetpack coroutines are also a part in this project.
- Developed an application called "Cart Cashier" to scan products at any shops and save the barcode and its rate if its not already saved. And calculates the bill on the go so that the user will be aware

of the amount they are going to spend. Used the firebase to store product details and followed material theme.

Dissertation Project (Jan 2023 – April 2023)

- Designed and Developed spotAbus android application for Live bus timetable with AR, ML and QR.
- A thorough research has done to analyze the current situation and the requirement for an application like this.
- Made the UI most user friendly based on the research, Google recommendations and material theme.
- Project follows a clean architecture.
- Google ARCore is used to display the live bus timetable on the bus stop when the customer scan QR code.
- <https://github.com/jovitajohn/spotAbus.git>

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Marlabs Software Pvt Ltd (Feb 2017 - January 2022)

- Led the development of NextConnect Merck, an IoT project analyzing chemical products and reactions using sensor data and complex calculations.
- Designed and developed mBuddy, an AI, FAQ chat application leveraging Azure services.
- Pioneered VR integration in GearUp-VR, a VR Connected application.
- Demonstrated advanced technical skills in Kotlin and UI design.
- [Link to App - Mbuddy](#)

Emsyne (Muthoot Finance) (June 2016 - Feb 2017)

- Developed MapMe, for Muthoot Finance to map branch locations across India. Overcame the challenge of loading a high volume of data on a map by implementing a cluster manager.
- Created CBS (Muthoot MobiTrade), Java app for Muthoot Finance to view and analyze daily business profits and losses. Gained valuable experience in mentoring and managing a team of 8 employees through this project.
- [Link to App - MapMe](#)
- [Link to App - CBS](#)

BeCo Technologies (March-2016- June 2016)

- Plan, develop and implement large-scale projects from conception to completion.
- Translate clients' business requirements and objectives into technical applications and solutions.
- Design, develop and implement new integration.
- Execute system development and maintenance activities.
- Develop solutions to improvise performance and scalability of systems.
- Develop and architect lifecycle of projects working on different technologies and platforms.

Imprimis Technologies Pvt Ltd (Aug-2015- March 2016)

- Developed ICIVIC, an application for Catholic church to gather, share thoughts and an online marketplace to sell used products.

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Crown Auto Distributors (Dec 2013 –Aug 2015)

- End-to-end development of KMB, app for the Kochi Muzeris Binnale art exhibition, enabling augmented learning for visitors as they approach art installations. Achieved successful implementation of Gimbal Beacons for identifying art installations by reverse-engineering the Estimote beacon SDK, overcoming the challenge of working without available samples.
- Built LiveLaw.In app, utilizing RSS Feeds to retrieve data and provide users with up-to-date legal news and information.
- [Link to App - LiveLaw](#)

Aitrich Technologies (Mar 2012 – Dec 2013)

- Developed Kinder Garten, a Java-based educational app for children, encompassing learning activities for alphabets, numbers, animals, colors, and shapes, with the added feature of gesture recognition to assist kids in drawing.

Other Experience

Sales Assistant

Morrison's Daily (September 2023- November 2023)

- Accurate and careful money handling
- Used company's software system to bank till contents at the end of a shift
- Maintained careful records of stock and used stock rotation systems to ensure produce was not wasted
- Engaged with customers and supported them with their enquiries

F and B Member

Holiday Inn (July 2022- December 2022)

- Noted customer orders accurately and communicated these to the kitchen team members
- Dealt with customer enquiries quickly and efficiently
- Greeted customers in a polite and friendly manner

Achievements

- Organizer in GDG Cochin (2015-2017), Conducted Google Study Jam
- Conducted Google I/O Extended 2016 in Cochin.
- Conducted corporate training in Android development.
- My GitHub account with a few personal projects and learnings : [MyGithub](#)