

Manish Prajapati

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EXPERIENCE

IBM India Software Labs

Jan 2024 – Present

Software Developer

Kochi, Kerala, India

- Led full-stack development for IBM's MDM/Match360 Quality Dashboard using React/Redux front end, Java Spring Boot & Python REST APIs backend, and MongoDB—improving front-end load times by 25% and accelerating feature releases by 30%.
- Architected and containerized microservices with Docker/Kubernetes and implemented Jenkins/Travis CI pipelines that enable unique port-based deployments per GitHub PR, reducing release time by 40% and boosting bug identification/resolution efficiency by 200%.
- Built automated deployment tooling for Linux VMs (including a bot that posts deployment links on each PR), significantly increasing developer productivity and speeding QA feedback.
- Developed service health-monitoring and self-healing mechanisms for UI/API services and VMs using API-key driven automation to ensure high availability and automated recovery.
- Drove process improvements—introduced code reviews and Agile practices (cut bugs 15%) and automated data-processing workflows with Python scripts, saving 10+ hours/week.

PROJECTS

Bit Media App | *Kotlin, Jetpack Compose, MVVM Architecture*

July 2023 – Present

- Developed a modern Android application leveraging Jetpack Compose and Kotlin, following the MVVM architecture to ensure maintainable and scalable code.
- Implemented Photos Grid and Videos Grid screens for intuitive media browsing with seamless transitions powered by Jetpack Compose animations.
- Created a bottom navigation bar for smooth switching between Photos, Videos, and Audio sections, enhancing the app's usability.
- Integrated a search functionality to allow users to locate photos and videos by name efficiently.

JetReader | *Kotlin, Jetpack Compose, MVVM Architecture*

Feb 2023 – April 2023

- Developed JetReader, a dynamic book tracking app for efficient progress monitoring
- Leveraged Hilt Dagger, Retrofit, MVVM Clean Architecture, Material Design 3, Firebase Firestore, Coroutines Lifecycle, and Jetpack Compose's Navigation Graph for a cutting-edge experience
- Created a seamless user journey with Navigation Graph, spanning SplashScreen to StatsScreen
- Employed Hilt Dagger to empower HomeScreenViewModel and BooksSearchViewModel, seamlessly integrating Firebase Firestore and Google Books API

EDUCATION

Lakshmi Narain College Of Technology, Bhopal, India

Aug 2019 – May 2023

Bachelor of Technology

GPA: 8.66/10.0

SKILLS SUMMARY

Programming Languages: Java, Kotlin, C++, Python, JavaScript

Frameworks: React/Redux, Jetpack Compose, FireBase, Material-3

Languages: English (Full Professional Proficiency), Hindi (Native or Bilingual Proficiency)

CI/CD Pipeline: Linux/Unix, Docker, Kubernetes, Jenkins, Travis

CERTIFICATES

Wipro TalentNext Certification: [Java J2EE](#), [Java Full Stack](#)

Accenture Certification: [Developer Virtual Experience Program](#)

HackerRank Certification: [Java](#), [Problem Solving](#), [SQL](#)

Cisco Certification: [CCNAv7: Introduction to Networks](#), [Cyber Security Essentials](#), [Introduction to Cybersecurity](#)

INTERESTS

Android Development, Electronic Dance Music, Java Programming, Break Dance , Front End Web Development