Upendra Narayan

Mobile Application Developer

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Summary

Resourceful Developer with 6 years of experience in designing and developing robust and scalable apps, testing, and training employees. Skilled at utilizing a wide variety of tools and programs to provide effective applications.

Education

Bachelor of Computer Science and Engineering

AKTU University
Jan, 2013 - Jan, 2017

Technical Skills

Android, Python, Flutter, Kotlin, Java, Dart, Agile Methodologies, User Interface, MVVM, Project Management, ci/cd, Multi-Threading, Performance Tuning, Git, Hilt, Kotlin Coroutines, BLoC, RxJava, A/B testing, Data Structures, Design Pattern, Jetpack Compose

Soft Skills

Collaboration, Problem-solving, Communication, Time management, Result-oriented, Research and Product Development

Languages

English, Hindi

Work Experience

VADI Biosec PVT. Ltd, Kanpur

IoT Application Developer / Project Manager

Jul, 2023 - Present

- Developed an algorithm to calculate the Ground Sample Distance (GSD) during a GIS survey conducted using a drone, with accuracy of 95% - 98% in measurement of bricks & buildings etc.
- Currently doing research and product development of IoT based weight machine.
- Managing cross-functional remote teams.

VADI Biosec PVT. Ltd, Kanpur

Project Manager / Senior Developer

Jul, 2020 - Jun, 2022

- Created Flutter-based app with Google Maps and Route API,Getx, APIs, RxDart, Platform and MVC and release on Apple App Store.
- Worked on TensorFlow object detection model and built Android App with on device MobileNetV2 with 2x faster than predecessor.
- Implemented unit and integration test automation, resulted into ease of multiple deployment.

VADI Biosec PVT. Ltd, Kanpur

Senior Android Developer

Jul, 2019 - Jun, 2020

- Created CRM app in Kotlin, dagger DI and MVVM, resulting in 30% less code and increased maintainability.
- Migrated to ROOM SQLite for offline-first approach to handle large data for network request, reducing data syncing time by 45%

VADI Biosec PVT. Ltd, Kanpur

Android Developer

Jul, 2017 - Jun, 2019

- Worked on the RBSK UP app using Android Java with UI design.
- Implemented an image optimisation approach, reducing data retrieval times by 40%.
- Managed the entire lifecycle of the app from creation to maintenance in the Play Store.

Projects

Magento Ecommerce App

Apr, 2020 - May, 2020

https://github.com/upendra-bajpai/magento-application

- First app made on Flutter and open source on GitHub with Magento 2.0 APIs.