

Nishant Gupta

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Skills

Technical Skills: Android, Kotlin, C/C++, Python, HTML, CSS, JavaScript, MySQL, Oracle, Azure

Additional Skills: Working with Git, Using Bitbucket, Jira, GitHub, Well versed with Linux, Windows and Mac

Soft Skills: Excellent Communication, Time Management, Result Oriented Mindset, Leadership Quality

Work Experience

Siemens Healthineers

SOFTWARE DEVELOPER

2022 - Present

- Designed and implemented **mobile-first, responsive UI features** using **Android SDK, Kotlin**, and **Coroutines**, ensuring optimal performance and an enhanced user experience.
- Engineered **RESTful API integrations** with robust error handling and data synchronization, leveraging **XML/JSON parsing** for deep platform integration.
- Incorporated **cloud messaging APIs** to deliver push notifications for system updates and operational alerts.
- Developed **20+ features** adhering to Android UI design principles and best practices, including **threading, offline storage**, and **SQLite database**.
- Integrated Azure DevOps for continuous integration and deployment (CI/CD) pipelines, ensuring fast and reliable software delivery.
- Worked with **Azure Active Directory** to manage access control and authentication for cloud-based services.
- **Designed & implemented 20+** software features for the **CiosFit X-ray machine** using **QT/QML and C++**, improving functionality and user experience.
- Enhanced **system performance by 30%** through code optimization for microcontrollers and processors.
- Automated **10+ user interface tasks**, reducing manual intervention by **40%**, using **Arduino IDE, Python**, and **shell scripting**.
- Resolved **15+ critical release-blocking defects** and delivered **last-minute requirements**, ensuring timely delivery of high-quality software.
- Conducted a comprehensive **codebase cleanup & refactor** for the CiosFit system, increasing **code maintainability by 50%**.
- Developed **15+ test automation scripts** and integrated best development practices for high-quality deliverables.
- Secured the **1st place** in an internal coding competition, showcasing exceptional technical expertise.
- Proficient in **clean coding, design patterns, SOLID principles**, and **refactoring techniques**.

Cognizant

ANDROID DEVELOPER

2021 - 2022

- Delivered **20+ high-quality Android features** in a **fast-paced agile environment**, adhering to best development practices.
- Achieved **99.9% crash-free rate** by leveraging tools like **Firebase Crashlytics** and implementing robust error-handling techniques.
- Built **10+ user-friendly UIs**, aligning with Android design principles and best practices, enhancing user experience by **25%**.
- Developed Android applications using Kotlin with expertise in **MVVM architecture, LiveData, Dagger2**, and **RxJava**, ensuring scalability and performance.
- Optimized API integration with **RESTful services** and **Retrofit**, improving data synchronization by **30%**.
- Implemented **push notifications and deep links** using **Firebase Cloud Messaging**, increasing user engagement by **15%**.

Projects

NOTES APPLICATION

Android, Kotlin, MVVM, LiveData, Jetpack, DataBinding, Retrofit, Room DB

- Developed a note-taking application for Android using **MVVM architecture, DataBinding, LiveData, RecyclerView**, and **Room Database**.
- Implemented **CRUD operations** (Create, Read, Update, Delete) for managing notes efficiently.
- Integrated **Room Database** for local data storage and **LiveData** for real-time UI updates.
- Used **RecyclerView** for displaying the list of notes, with seamless navigation and interactions.
- Followed Agile methodology for development, ensuring timely delivery and iterative improvements.
- Delivered a robust and scalable solution by adhering to clean code principles and best practices in Android development.

E-COMMERCE APPLICATION

Android, Kotlin, Firebase, MVVM, Retrofit, SQLite DB

- Developed an e-commerce app for a bakery shop using **Agile methodology**.
- Implemented key features such as **Activities, Fragments, Navigation Drawer, RecyclerView, LiveData, SQLite DB, Retrofit**, and **MVVM architecture**.
- Integrated **Firebase Crashlytics, Analytics**, and **Cloud Messaging** for crash reporting, user insights, and push notifications.
- Delivered features successfully through testing and timely delivery, while managing pressure with a strong sense of ownership.

FOUNDER & LEAD DEVELOPER | WORDDOODLES

HTML, CSS, JavaScript,

- Founded and lead a team of 3 developers, each responsible for different website functionalities.

- Designed and developed the website using **HTML**, **CSS**, and **JavaScript**, ensuring a responsive and visually appealing user interface across devices.
- Utilized **WordPress** for efficient content management, incorporating **custom themes** and **plugins** for enhanced functionality.
- Improved website visibility by integrating **SEO tools** such as **Rank Math** and optimizing on-page elements.
- Used **Azure DevOps** to manage project tasks, set up CI/CD pipelines, and streamline deployments.
- Leveraged **Google Analytics** for performance tracking and **Google AdSense** for revenue generation through ad placements.
- Implemented **CodeGuard** for regular backups and security monitoring, ensuring data integrity and website reliability.
- Guided the overall content strategy, fostering audience engagement and consistent growth.
- Delivered a visually appealing and user-friendly interface with a focus on providing key information at a glance, ensuring an enhanced user experience.

3D ANDROID GAME

- Developed the 3D adventure game **Cubi Cube** following **Agile methodology**, where players must reach a certain distance while avoiding obstacles to clear levels.
- Published the game on the **Google Play Store**.
- Used **Visual Studio** as the IDE for development, incorporating **C/C++** and **Unity 3D** for game mechanics and graphics.
- Responsible for implementing new features, maintaining existing ones, and fixing bugs.
- Conducted thorough testing and successfully delivered updates and improvements.

Android, C/C++, Unity 3D, Visual Studio Code

<https://play.google.com/store/apps/details?id=com.DemonGaming.cubicube>

Education

Medicaps University

B-TECH IN ELECTRONICS & COMM. WITH SPECIALIZATION IN COMPUTER SCIENCE

Indore, M.P, India

2016 - 2020

Achievements, Certificates and Publications

IEEE Research Paper publication certificate.

Gold Medalist in International Mathematics Olympiad.

Gold Medalist in National Science Olympiad.

20th NATIONAL CHILDREN'S SCIENCE CONGRESS, Successfully qualified an INTRA_REGIONAL LEVEL 20th NCSE(National Children Science Congress) and participated in National Level 20th NCSC.

State Level Table Tennis Player.

RAJYA PURUSKAR, Awarded with RAJYA PURUSKAR as SCOUT in Scout And Guide.

C Intermediate.

SQL Intermediate.

Android.

Python.

HTML5 and CSS3.

JavaScript.

JQuery and Ajax.

App Analyst AD and AVM.

Silver 3 Star Badge in Problem Solving.

Silver 3 Star Badge in Python.

Silver 4 Star Badge in C.

Modern Android app using Kotlin, MVVM, Dagger2, Rx Java & more.

Problem Solving

Exceptional performance award

IEEE

SOF

SOF

DST, GOVT Of INDIA

KV Sangathan

Bhopal Region
Bharat Scout and

Guide

HackerRank

HackerRank

Cognizant Academy

Udemy

Cognizant Academy

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Cognizant Academy

HackerRank

HackerRank

HackerRank

Udemy

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Siemens Healthineers