

Wilson Daniel

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EDUCATION

ABES INSTITUTE OF TECHNOLOGY
BTech | COMPUTER SCIENCE ENGINEERING
2020-2024

NILGIRI HILLS PUBLIC SCHOOL
12TH | 2019-2020

ASSISI CONVENT SCHOOL
10TH | 2017-2018

LINKS

GITHUB: [WILSONDANIEL](#)
GFG: [WILSONDANIEL](#)
LINKEDIN: [WILSONDANIEL](#)

SKILLS

- Programming language: Java
- Mobile Dev: Android Studio, Kotlin, XML, Flutter, Dart
- Web Dev: HTML, CSS, Javascript
- Ar/Vr/Xr: C#, Unity, ARCore, ARKit, PTC Vuforia, PTC Editor, MRTK
- Backend Development: Firebase, REST APIs
- Python, Git, MySQL, SQLite, Unit testing, JSON

PROJECTS

AI VIRTUAL REALITY STUDENT TRAINING APPLICATION | [LINK](#)

- Developed an AI-driven virtual reality (VR) student training app for comprehensive mechanical machine learning.
- Leveraged AI, VR, Unity, and C# to deliver an immersive learning experience.

MIXED REALITY STUDENT PRACTICAL LENS | [LINK](#)

- Mixed Reality Snap lens that allows students to visualize & interact with complex objects & 3D components.
- In the top 70 projects at Snap AR Hackathon- Lens Studio, JavaScript, Hand Tracking.

FIREBASE FOOD ORDERING APP | [LINK](#)

- An Android MVVM architecture application for ABESIT students to order their favorite food from the canteen.
- Used Firebase storage for real-time food ordering and updates - Android Studio, Gradle, Java, XML.

EXPERIENCE

IIT DELHI | ANDROID AR/VR INTERN

Aug 2023-Present

- Developed International Purple Fest 2024(Govt. of Goa) Indoor navigation application utilizing Android Studio, Java, Flutter, Dart and BLE library for Beacon and Bluetooth device scanning.
- Achieved AR information augmentation with a 20% boost in user engagement using PTC Vuforia, PTC Editor, ARCore, ARKit, Unity for AR image tracking.

WEB3NEST | ANDROID DEVELOPER INTERN

May-Aug 2023

- Collaborated with Android team to implement Android lifecycle model, boosting overall app stability by 30%.
- Achieved a 15% faster data retrieval speed through Firebase Database Storage integration.

ABES INSTITUTE OF TECHNOLOGY | ACADEMIC RESEARCH April-June 2023

- Led the development of an innovative Augmented and Virtual Reality application for virtual college exploration, resulting in the successful acquisition of a project patent granted by the Intellectual Property Govt. of India.
- Integrated a cutting-edge 3D AR infrastructure model and immersive VR environment to enhance user experience.

MICROSOFT | FUTURE READY TALENT INTERN

March-May 2023

- Optimized website functionality by integrating Microsoft Azure services. Establishing connections with Cosmic DB database and static web app.
- Utilized HTML, CSS, and JavaScript.

MAXTAP TECHNOLOGIES | SOFTWARE DEVELOPER INTERN Jan-Mar 2022

- Played a vital role in the development of an Ad-Tech Android plugin for leading OTT platforms, including Disney HotStar and Koode, resulting in a 25% increase in ad delivery efficiency and revenue.
- Leveraged expertise in Android development, XML, SDKs, and Firebase.

ACHIEVEMENTS

WINNER SMART INDIA HACKATHON 2023

WINNER HACKNOVATE 4.0 (INTERNATIONAL HACKATHON) ABES INSTITUTE OF TECHNOLOGY

WINNER (1ST RUNNER-UP) TECH-A-THON 2.0 (NATIONAL HACKATHON) DELHI UNIVERSITY

WINNER (1ST RUNNER-UP) MLH HACKHOUND (NATIONAL HACKATHON) SRM UNIVERSITY DELHI

WINNER (1ST RUNNER-UP) HACK THE MOUNTAINS 3.0 (INTERNATIONAL HACKATHON)