Ayush Tiwari

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in Linkedin   🐙 Github

Professional Summary

Aspiring Software Engineer skilled in Java, DSA, Kotlin, and Android Development, with hands-on experience in full-stack projects and a keen interest in Machine Learning

Education

SVKM's NMIMS, Shirpur, Maharashtra   **2022–2026**
B.Tech in Computer Engineering   **CGPA: 2.85/4**

St. Xaviers High School, Vapi, Gujarat   **2021–2022**
12th Grade   **Percentage: 61%**

St. Xaviers High School, Vapi, Gujarat   **2019–2020**
10th Grade   **Percentage: 65%**

Projects

FixMyRoom — Java, XML, Firebase, APIs
- Mobile app for complaint management in hostels with real-time status updates.
- Features include category-based tracking and admin dashboards.
- Integrated Firebase for backend management and ensured data security.

UrbanEase Solutions — HTML, CSS, JavaScript, Firebase, Payment Gateway
- Web platform integrating personalized dashboards and real-time service booking.
- Focus on streamlining smart lifestyle solutions.

Android Unit Converter App — Kotlin, Jetpack Compose
- Developed a unit converter app with dropdown-based unit selection and real-time conversion.
- Implemented accurate conversion logic with error handling for invalid inputs.

Fasal Aarogya (Hackathon) — JavaScript, Next.js, Tailwind CSS, Custom ML Model, APIs
- Designed and developed a web application for early detection of crop diseases using **machine learning**.
- Employed advanced **image processing** and **data analytics** to deliver **real-time alerts**, insights, and treatment recommendations.
- Seamlessly integrated a custom **machine learning model** to achieve high-accuracy crop disease diagnosis.
- Utilized modern **JavaScript frameworks** and **Tailwind CSS** to build a responsive and user-friendly interface.

Skills

Languages: Java, C++, Python, Kotlin, JavaScript, XML, Jetpack Compose

Frontend Tools: React.js

Tools: Android Studio, VS Code, Eclipse, IntelliJ IDEA, Anaconda, Jupyter Notebook, Figma

Currently Learning: The Complete Android 14 and Kotlin Development Masterclass (Udemy), DSA and MERN stack (Apna College), Machine Learning (College & YouTube).

Achievements

2024: HackerRank 5-star badge in Java

Certifications

2024: Android Mobile Application Development by Meta (Coursera)

2025: Data Structures and Algorithms by Apna College

2024: HackerRank - Java Basics Certification