Devavrat Verma

full stack (mern) ENgineer | android developer | Competitive programmer

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# objective

Versatile Software Engineer skilled in Full Stack (MERN) and Android Development, with a strong background in competitive programming (Python, C++, Java). Aiming to leverage experience in android development, machine learning and algorithmic problem-solving to build innovative software solutions. Eager to contribute to dynamic teams while continuously learning and pushing technological boundaries.

# tECHNICAL skills

**Programming Languages:**

Python • C/C++ • Java • Kotlin • JavaScript

**Frameworks & Technologies:**

Android SDK • Jetpack Compose • MERN Stack

**Data Analytics Tools:**

Machine Learning libraries (scikit-learn) • Data preprocessing & visualization

**Development Tools:**

VS Code • Google Colab • Git • GitHub • GitHub • Android Studio

**Relevant Coursework:**

Data Structures & Algorithms • Operating Systems • Object-Oriented Programming • Database Management System • Introduction to Machine Learning

**Other Skills:**

Problem-solving • Analytical Thinking • Teamwork & Collaboration

# Education

## Sept 2023 - Present Bachelor of Technology in Computer Science and Engineering

### Vellore Institute of Technology (VIT) Bhopal, Madhya Pradesh Duration**:** September 2023 – Present (3nd Year, 6th Semester) CGPA: 8.38

## June 2022 High School Diploma

### The Aryan International School, Varanasi, Uttar Pradesh

Completion: June 2022

10th Percentage: 86.67%

12th Percentage: 77.60%

# INTERNSHIP EXPERIENCE

**Android App Development Intern** | Imarticus Learning *May 2025 – June 2025*

* Developed and maintained modern **Android applications using Kotlin** and the latest **Android SDK**, focusing on creating robust and efficient code.
* Built responsive and intuitive user interfaces with **Jetpack Compose** and implemented the **MVVM** (Model-View-ViewModel) architecture to ensure a scalable and maintainable codebase.
* Gained hands-on experience in a collaborative setting, using Git for version control and participating in code reviews to deliver high-quality software.

# key PROJECTS

**PocketPages - A Simple Notes Android App – Kotlin**:

Designed a modern, offline-first, and feature-rich note-taking application for Android.

**Document Analysis using Large Language Models (LLMs) – Python**:

Designed an ML model that process and categorizes textual data with **87% accuracy**, demonstrating natural language processing capabilities.

**House Price Prediction Model – Python:**

Developed an ML model achieving **80% prediction accuracy** through feature engineering and regression analysis.

**Screen Dimmer Desktop Application – Java:**

Implemented a UI-based application for dynamic screen brightness adjustment, underscoring proficiency in object-oriented programming and user-interface design.

# Achievements

**Programming**

* Solved **+240 problems** on LeetCode, enhancing algorithmic skills and coding efficiency.
* Participated in LeetCode contests Achieved **LeetCode Knight** with a max rating of **2030+**.
* Solved **+80 problems** on GeeksForGeeks and collage ranking of **1935**.

**AndroidXplore Hackathon (June 2025) - 2nd Place Winner**

* Led a team of 6 in a company-wide hackathon held during the **Imarticus Learning internship program**.
* Developed "**PocketPages**", an offline-first Android application for feature-rich, note-taking.

# additional information

**Extracurricular Involvement:**

Active participation in competitive programming (LeetCode); continuous self-learning and participation in hackathons.

**Certifications:**

* **NPTEL Certificate** in **Programming, Data Structures and Algorithms using Python**

Issued by: IIT Madras (via NPTEL) – Completed with “**Elite” grade.**

Gained hands-on experience with Python basics, data structures, and object-oriented programming.

* **NPTEL Certificate** in **Programming in Modern C++**

Issued by: IIT Kharagpur (via NPTEL)

Covered topics including STL, classes, file handling, object-oriented programming and problem-solving in C/C++.

* **NPTEL Certificate** in **Introduction to Machine Learning**

Issued by: IIT Madras (via NPTEL)

Covered foundational machine learning principles, including different learning paradigms and popular algorithms.

* **NPTEL Certificate** in **Programming in Java**

Issued by: IIT Kharagpur (via NPTEL) – Completed with “**Elite + Silver” grade** and **TOP 5%**

Covers essential object-oriented Java programming skills for developing robust, platform-independent applications for mobile, internet, and distributed systems.