

Udit Aggarwal

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Summary

Detail-oriented engineering student with practical experience in SAP ABAP, Android development, and machine learning. Proficient in Java, C++, Python, and deep learning frameworks with a portfolio of projects including a cross-platform mobile app and an image recognition model. Possesses a strong foundation in data structures, algorithms, OOPS, and DBMS.

Skills

Languages: Java, C++, C#, Python, SQL, XAML

Frameworks & Tools: Android SDK, Jetpack Compose, .NET MAUI, Firebase

ML & Data: NumPy, Pandas, Scikit-learn, PyTorch

Concepts: Data Structures and Algorithms, OOPS, DBMS, AI, Machine Learning, Mobile UI/UX Design, Large Language Models

Developer Tools: Git, GitHub, Linux, Visual Studio

Work Experience

Future Labs Technology | Business Applications Trainee

Jun 2025 - Aug 2025

- o Designed, developed, and maintained features for SAP applications using ABAP to enhance business processes.
- o Applied efficient coding practices and data modelling techniques to improve application performance and stability.
- o Collaborated in a professional development environment to debug and resolve technical issues, strengthening problem-solving skills.

Key Projects

- [Image Recognition on FashionMNIST Dataset Using CNN](#)

Published: May 2023

Tools: PyTorch, Matplotlib

Implemented a Convolutional Neural Network (CNN) to classify images of clothing articles from the FashionMNIST dataset. Pre-processed data using rescaling and augmentation techniques to improve model generalization and prevent overfitting.

- [Who Let Me Cook!](#) - AI Powered Recipe App

Published: Ongoing

Tools: .NET MAUI, C#, XAML

Developed a cross-platform mobile recipe app for Android and iOS using .NET MAUI and the MVVM architecture.

- [Sentiment Analyser](#)

Tools: Python, Gemini API, Streamlit

Developed a multi-lingual sentiment analyser using Gemini API and Streamlit for UI.

Education

- o Amity University, NOIDA
- o B. Tech in Computer Science and Engineering - CGPA: 7.4
- o Lovely Public Sr. Sec. School, New Delhi
- o CBSE Board - Result: 82.4%

Expected 2026

Graduated 2022

Certifications

- Introduction to Model Context Protocol – Anthropic (Aug 2025) [[View Certificate](#)]
- Model Context Protocol Advanced Topics - Anthropic (Aug 2025) [[View Certificate](#)]