

Abhimanyu

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EDUCATION

Bennett University

Bachelor of Engineering Computer Science

Greater Noida, IN

September 2021 – Present

EXPERIENCE

SDE Intern

Cypherash Enterprises

November 2021 – Present

New Delhi, IN

- Developed and executed a visionary technical strategy, managing technology infrastructure, product feature design, quality assurance, and issue resolution.
- Directed strategic repositioning from an AI startup to an Asset Management Firm, enhancing operational capabilities, and boosting annual revenue by **200%** through diversified service offerings and strategic client acquisition
- Developed and expanded front end & back end systems for the company and its clients that impacted more than **10,000 users**
- Interacted with **100+ clients** understanding their requirements and fulfilling them both in the AI & Finance space with Full Stack Development.
- Led a team of 15 people that is responsible for all the deliverables required.

PROJECTS

Meta Mundo | Figma

August 2022 – March 2023

- Engineered an all-in-one football news and live-streaming application prototype in Figma, integrating intuitive navigation and live match alerts
- Achieved **21+** private duplications of community file, contributing to Figma open source community; enhanced resource availability and design innovation within the platform

LLMs in Banking: Predictive Analytics for Loan Approvals | Python, AI/ML

October 2023

- Engineered a cutting-edge Loan Predicting Application leveraging BERT Text Generation, SHAP & LIME Explanations; achieved an **F1-Score of 91%**, **Accuracy Score of 86%** and a **Precision Score of 83%**
- Implemented Langchain SQL Agent for seamless database integration, enhancing data retrieval speed by **40%**, and enabling real-time insights for more informed decision-making across the team

STARK Medical | Python, AI, Deep Learning, SwiftUI

October 2023

- Built an full stack application that detects and predicts Thyroid, Malaria & Galucoma by analysing images and text data using **Custom CNN Models** with accuracies of **99.04%**, **91.74%** & **99.45%** respectively
- Integrated the Models in an iOS application and received the **"Best Project Award"** in the university's annual project showcase.

Sports Match Prediction | Python, AI/ML, Figma

October 2022- November 2022

- Used an AI Model created using Random Forest Classifier to predict the results of games in Football(Soccer) and Baseball using **20+** factors
- The model resulted in an accuracy of **97%** with the dataset of Football being of the last **10 years** and Baseball since **2001**
- Duplicated community file by **15+** individuals for private use; significantly enhanced the Figma open source community by adding valuable resources and design elements

TECHNICAL SKILLS

Languages: Python, C++, Java, Swift, JavaScript, HTML/CSS, TypeScript, SQL, PHP

Frameworks: SwiftUI, UIKit, React Native, React.js, Node.js, Flask, TensorFlow, Django, Spring Boot

Developer Tools: Git, Figma, XCode, Jupyter Notebook, Adobe Suite, Docker, Amazon AWS, Microsoft Azure, Google Cloud, VS Code, Visual Studio, PyCharm, Eclipse

Libraries: pandas, NumPy, Scikit-learn, Matplotlib, BeautifulSoup, PIL, OpenCV, Plotly