ADITI YADAV

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Final Year Student, Python Developer, Software Developer & Product Enthusiast

EDUCATION

Indian Institute of Information & Technology, Nagpur (IIITN), *Dec 2020 - Aug 2024*
*Bachelor of Technology (B.Tech) -
Computer Science & Engineering*

Technical subjects:

Data Structures & Algorithms; Application Programming; Object-Oriented Programming/Design; Mathematics; Software Engineering & Architecture; Computer Networks; Database Management System; Mobile Computing; Machine Learning; Artificial Intelligence; Neural Networks & Deep Learning; Distributed Computing Systems

SKILLS

Programming: C, C++, Python, Kotlin, Java, JavaScript, GO, Dart, SQL, HTML, CSS, React

Operating System: Windows, Linux, MacOS

Frameworks & Libraries: NLP, Transformers, OpenCV, Flutter, Scikit-learn, Matplotlib, NumPy, Pandas, PySpark, Gin(Go), Squirrel(Go), Swagger

Tools & Platforms: Android Studio, Firebase, AWS (Athena, Lambda), GCP, Azure, Red Shift, Postman, Grafana, MixPanel, Jira, Freshdesk, Zoho CRM & Flow, JSON, Excel

Soft Skills:
• English & Hindi Proficiency
• Product Management & feature prioritization.
• Strategy making, critical thinking problem-solving skills, data visualising & presentation.

CERTIFICATION

Coursera: Google, Goldman Sachs
Forage: Accenture, Deloitte, Cognizant
Others: Google Cloud, Microsoft Azure

ACHIEVEMENTS

Research Papers *In Review*:

Mind Ease: Detects stress with NLP and AI.

Glimmer AI: Recommends jewelry using OpenCV & GenAI based on facial shape.

VOLUNTEER EXPERIENCE

Eat My News, Content Writing   *Jul 2022*
• Web Content Writer - articles, blogs & reviews.

Winner, Branding Hackathon, *Link*   *Feb 2021*

Student Clubs, IIITN   *Feb 2021 - 2024*
• Head - Management Positions
• Events: Abhivyakti, TantraFiesta, Sports
• Clubs & Committees: SAC, CRA, Iotics Wing, Skills Nights, Orator

WORK EXPERIENCE

DeHaat, Backend Engineer *On-Site*   *Aug 2024 - Present*
• Developed an LLM-based model for "Cohort," leveraging ML and GenAI to generate SQL queries based on user-selected filters dynamically.
• Driving backend API development for core systems.
• Tech Stack: Python, GoLang, AWS, Red Shift, Postman, BERT, PostgreSQL, Swagger, DBeaver, and PGAdmin.

ElectricPe, Product & App Developer *On-Site*   *Jun 2023 - Jan 2024*
• Led Zoho CRM Plus implementation, reducing ticket handling times, while revampeing FAQs and developing a chatbot, cutting incoming tickets by 50%.
• Refined SOPs, tracked quality metrics, and established customer feedback processes for enhanced support.
• Tech Stack: Python, Flutter, AWS Athena, Grafana, Postman, Android Studio, AWS Lambda, GCP, JSON, WATI, Jira, Freshdesk, Zoho CRM, Zoho Flow, Excel, and other relevant technologies to drive project success.

CometLabs, App Dev & Developer Relations *Hybrid*   *Jul - Dec 2022*
• Community Growth: Spearheaded vibrant community growth, amassing 120K+ developers and 18K active users.
• App Development: Piloted app for resume uploads, peer connections, & Discord integration using Dart, JavaScript, Python, Flutter, Android Studio, & Firebase.

GPCSSI'22, Cyber Security Internship *On-Site*   *Jun - Jul 2022*
• Trained Under Gurugram Police & Cyber Peace Foundation
• Skills: Python, Flutter, Cyber Hygiene, Cyber Law

PROJECTS

Fake Signature Detection, *Personal*, *Link*   *Jun 2024*
• Developed a deep learning model for binary image classification.
• Visualized model performance for accuracy & loss trends.
• Tech: **Python, MatplotLib, Scikit-learn, Tensorflow, Pandas, NumPy, CNN**

MindEase, Stress Detection, Final Yr. Project, *College*, *Link*   *Feb 2024*
• Detecting stress through textual input and give destress tips.
• Tech: **Python, NLP, Text Classification, Tranformers, Text Summarization, Feature Engineering, Machine & Deep Learning Models**

Image-Enhanced Jewelry Recommendation, AI Project, *Link*   *April 2024*
• Utilizing generative AI for tailored accessory recommendations.
• AI-driven recommendations and realistic image regeneration.
• Innovatively regenerating customer images to showcase recommended accessories.
• Tech: **Python, Dlib, Stable Diffusion Pipeline, Generative AI, Deep Learning, Computer Vision, Image Generation**

Face Recognition App, Python based Project, *GPCSSI'22*, *Link*   *Jul 2022*
• Build a face-recognition app with an existing database.
• Main aim is to identify criminals with cctv footage as input.
• Tech: **Python, Flask, JSON, OpenCV, Flutter, Dart, Android Studio**

Cancer Prediction System, Python based Project, *College*, *Link*   *Nov 2021*
• Build a Lung Cancer Prediction System using an online data set
• Tech: **Python** (Libraries: MatplotLib, NumPy, Pandas, Scikit-learn)

Club Hub App, Mobile Application Development, *Personal Link*   *Mar 2022*
• Developed a flutter based info app for the college
• Tech: **Dart, JavaScript, Flutter, Android Studio, Firebase**

FoodoSphere, Web Application Development, *College*, *Link*   *Jun - July 2021*
• Tech: **HTML, CSS, JavaScript, Python**