KRITEK UPADHYAY

+91 7738677204 | kritekupadhyay@gmail.com

Objective:

Highly motivated and skilled Software Engineer with over 2 years of experience in Data Science and Web Development. Possesses strong analytical and problem-solving abilities, with a proven track record in project delivery and client interaction. Adept at staying current with technological advancements and eager to contribute to a forward-thinking organization where I can continue to grow and deliver high-impact solutions.

Profile Summary:

- Experience: 2+ years of experience in Data Science and Web Development with a strong focus on project delivery, development, and client interaction.
- Skills: Proficient in data analysis, machine learning, web development, and problem-solving. Capable of guiding teams and resolving complex technical issues.
- Attributes: Quick learner, self-motivated, team player, and goal-oriented with a commitment to delivering high-quality work.

Work Experience:

Technical Consultant - Data Science
G-TEC JAINX Education, Mumbai
August 2023 – Present

- Lead the development and optimization of data-driven solutions to meet client requirements.
- Collaborate with cross-functional teams to ensure project objectives align with business goals.

Web Developer
Skeg Corner, Mumbai, Maharashtra
July 2022 – July 2023

- Developed responsive and user-friendly web applications using modern web technologies.
- Worked closely with clients to understand their needs and deliver tailored solutions.

Technical Skills:

Programming & Frameworks	Java, Python, PHP, CodeIgniter, C++, Android Studio
Data Science	Pandas, Scikit-learn, NumPy, Seaborn, Matplotlib
AI/ML	Logistic Regression, Clustering, Neural Networks
Web Development	Html ,CSS ,JavaScript ,Ajax , jQuery
Databases	SQL, MySQL, PostgreSQL, Firebase
Version Control	SVN, Git
Methodologies	Agile, Waterfall

Academic Profile:

Degree	Year	Institute, University/Board	CGPI
B Tech (ECE)	2022	MIT ADT University	6.74
HSC	2017	Nirmala Junior College	5.7
SSC	2015	St John's High School	6.6

Project Details:

➢ Production Target Prediction App

Client: HUL Doom Dooma Factory

Technology: Python, Scikit-learn, Pandas, NumPy, Flask/Django, Git, IIS, Matplotlib, Seaborn

Duration: Feb 2024 – Present

Description

- Developed a robust production target prediction application using Python and various machine learning algorithms. The application is designed to accurately forecast the production output of a product based on historical data, allowing for better resource allocation and production planning.

Responsibilities in this project include:

- Developed a production target prediction application using machine learning to enhance resource allocation and production planning.
- Led data collection, pre-processing, model development, hyper parameter tuning, and deployment.
- Provided comprehensive documentation and collaborated with stakeholders for business alignment.

➢ Lightweight Encryption Design for Security using AES, RSA and DES Algorithm

Technology	Python, Steganography, Algorithm-AES,DES,RSA.
Duration	(10/2021 - 03/2022)

Project Description:

- In this project, we have created a portal for messaging between two people to connect securely. Firstly the data which is to be transmitted from sender to receiver in the network must be encrypted using the encryption algorithm in cryptography, user selects via which technique he wants to encrypt/decrypt data. Secondly, by using the decryption technique (as per the user's choice), the receiver can view the original data. Key is sent via Email using steganography.

Roles & Responsibilities:

- Worked on some part on the UI-front using Python.
- Work on the Steganography and all the Algorithm which are AES, DES and RSA.

➢ Blockchain based News Application to combat fake news

Technology	Python, HTML, CSS, Bootstrap, Flask, Linux.
Duration	(03/2021 - 05/2021)

Project Description:

- In this project, we have created a News Website which detects fake news. Blockchain technology is most simply defined as a decentralized, distributed ledger that records the provenance of a digital asset with advances in technologies like AI, digital animations and social engineering, the line between fake and authentic content is only going to blur even more. With the traceable and transparent nature of the blockchain, it can be possible to verify the authenticity of the information or its sources and build trust in news displayed on the Internet.

Roles & Responsibilities:

- Worked on the complete UI-front using Python, HTML, CSS.

Chat Application (08/2019 - 12/2019)

Technology	Java, Firebase, Android Studio
Duration	➢ (08/2019 - 12/2019)

Project Description:

- The aim of this chat application is to allow users, like a normal chat application, to chat with one another. Users can communicate with each other, most likely from one user to another, even with creation of group-chatting.

Roles & Responsibilities:

- Worked on the complete project.

Society Management Application (08/2018 - 05/2019)

Technology	Java, MySQL, Android.
Duration	(08/2018 - 05/2019)

Project Description:

- Made a user-friendly application for all the members of the society to get the latest news of the society and also created a group in which all the society members are added automatically, and this application ask for the one-time password every time user or society members tries to log-in

Roles & Responsibilities:

- Developed Business logic using Core Java.

- Worked on Android Studio for Development and Debugging.

- Used SVN tool for managing the code.

Strengths and Qualities:

- Ability to identify key aspects of any task and develop a systematic approach to deal with it, combined with a desire to excel at any work at hand.
- Positive attitude and confidence with required skills, dedication and adaptability.
- Always willing to take up challenges and responsibilities combined with hard work.

Personal Details:

Name	Kritek Upadhyay
DOB	1st Jan 2000
Gender	Male
Marital Status	Unmarried
Address	D-Wing 102 Periwinkle Society, Near Cinemax, Mira Road(E).

Declaration:

I hereby declare that the information mentioned here is correct up to my knowledge and belief. I understand, if any time it is found that any information mentioned above is false / incorrect, my candidature / application is liable to be cancelled / terminated.

Place: **Mumbai**   yours sincerely,
Date: **Kritek Upadhyay**