



Shubham Chaudhary
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Bachelor of Technology
Information Technology
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EDUCATION

- **Dr.A.P.J.Abdul Kalam Technical University** 2022
B.Tech (Information Technology) CGPA/Percentage:7.97
- **Jawahar Navodaya Vidyalaya Basti, Uttar Pradesh** 2016
Central Board of Secondary Education CGPA/Percentage: 85.4
- **Jawahar Navodaya Vidyalaya Basti, Uttar Pradesh** 2014
Central Board of Secondary Education CGPA/Percentage: 10

EXPERIENCE

- **iNeruon.Ai** Jan 2023
Python Technical Consultant Bengaluru
 - Specialized in machine learning and computer vision, with a focus on developing projects and creating end-to-end pipelines. Successfully led and delivered projects in the following areas:
Detection of Crime-Prone Areas: Leveraged machine learning techniques to identify regions with a higher likelihood of criminal activity by analyzing various data sources such as crime reports, demographics, and environmental factors.
Spliced Image Area Detection: Developed models using computer vision algorithms and deep learning techniques to accurately identify manipulated or forged regions within images, utilizing advanced image processing and pixel-level analysis.
- **Wipro** Event dates
Project Engineer(Intern) WFH
 - As a Project Engineer intern, I gained hands-on experience in Core Java and Advance Java. I developed skills in software development and project management, while working remotely. Ready to apply my knowledge and contribute to innovative projects in a professional work environment.

PERSONAL PROJECTS

- **Detection of Crime Prone Area (MANTHON)** Event dates
Developed an application to detect crime-prone areas.
 - Tools & technologies used: Python, Data Analytics, SQL, EDA
 - Developed an application to detect crime prone areas using available datasets. Utilized Python, Data Analytics, SQL, and Exploratory Data Analysis (EDA) techniques. Employed continuous learning by analyzing data from social media, crime activity, and user feedback. Extracted information from sources such as dial 112, social media platforms, and NCRB datasets. Implemented a classification system to categorize crimes and forward them to the relevant authorities. Integrated data from various social media platforms into a centralized repository. Conducted clustering analysis to identify and classify locations based on their level of alertness.
- **Online Attendance System with SIFT Algorithm** Event dates
Developed an application to take online attendance.
 - Tools & technologies used: Python,Image Processing,Computer Vision,Opencv
 - Developed a robust online attendance system using Python, Image Processing, Computer Vision, and OpenCV. Implemented the SIFT (Scale-Invariant Feature Transform) algorithm for feature extraction, ensuring illumination, dim light, and other environmental conditions have minimal impact on recognition. Leveraged SIFT key points to improve algorithmic recognition, resulting in efficient and accurate attendance management. The system significantly reduces time and effort by automating the attendance process, enhancing overall efficiency.
- **Developing an ML Model for Behavioral Risk Factor Surveillance System (BRFSS 2015)** Event dates
Developed An ML model to predict the Heart Disease.
 - Tools & technologies used: Python,Orange Software
 - Utilized Orange software to develop a machine learning model for the BRFSS survey. Analyzed health outcomes, risk behaviors, preventive service utilization, and chronic conditions. Leveraged machine learning algorithms to gain insights and predictions from the survey data. The model enhances understanding of population health, aiding in policy-making and preventive measures.

TECHNICAL SKILLS AND INTERESTS

Languages:Python, C++, C
Developer Tools:VS code,Google Colab, Conda
Frameworks:Flask
Cloud/Databases:Mysql,Mongodb, Firebase
Soft Skills: Reading , Teaching
Coursework: Google Data Analytics Professional Certificate
Areas of Interest:Coding , Puzzle Solving

POSITIONS OF RESPONSIBILITY

- Position, NSS(National Service Scheme) unit leader at REC Ambedkar Nagar *Position tenure*
- Position, Head of Koshish Ek kadam shiksha ki or *Position tenure*

ACHIEVEMENTS

- School Captain School Captain at Jawahar Navodaya Vidyalaya,Basti *Event dates*
- The Master Best mentor in "Koshish Ek kadam shiksha ki or" - for educating the underprivileged children more than 4 years *Event da*