



ASHUTOSH GOYAL

MASTER'S STUDENT



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EDUCATION

- **Post Graduation (MCA(AIML))**
Chandigarh University
2024 | 8.05 CGPA
- **Graduation(BCA)**
S.D. College Barnala(Punjab)
2020 |Punjab University| 67.83%
- **Class XII**
Guru Teg Bahadur Public School, Dhuri, Sangrur
2017 | CBSE | 77%
- **Class X**
Guru Teg Bahadur Public School, Dhuri, Sangrur
2015 | CBSE | 10 CGPA



ABOUT ME

As an aspiring professional with a Master's degree in Computer Application and a specialization in Artificial Intelligence and Machine Learning from Chandigarh University, I am highly motivated and dedicated to achieving success in the field of technology. With a strong programming background and a keen interest in business and entrepreneurship, I am looking for opportunities to apply my technical and analytical skills in a dynamic work environment.



PROJECTS

• Excel Dashboard : World GDP Trends

Conducted EDA on World GDP data using Excel. Cleaned and manipulated data, used advanced functions, formulas and VBA to analyze and summarize data, and created charts and graphs to visualize trends and patterns. Developed skills in data cleaning, data extraction, and data analysis using Excel.

• Telegram Bot: Calorie Counter and Nutrition Tracker

Developed a Telegram bot in Python using various libraries to create a calorie counter and nutrition tracker. The bot accepts user input for food items and calculates their calorie and nutrition content based on pre-stored data. The bot also generates charts and trends based on the user's eating habits to help them track their overall nutrition and make better dietary choices. Through this project, I gained experience in developing bots in Python and integrating with Telegram API and SQLITE# library, as well as improving my skills in data management and visualization.

• UniKconnect: Web Based Student Collaboration and Event Management Platform(In Progress)

Working on a collaboration project aimed at helping students connect and collaborate with each other, as well as stay updated about events happening in the university. This project involves web development using various technologies such as HTML, CSS, JavaScript, Node.js, and React.js, as well as database management using SQL. Through this project, I have gained experience in web development and database management, as well as developed my skills in project management and team collaboration.

• YouTube Channel Insights and Visualizations

Developed a Python project that provides insightful metrics and visualizations for YouTube channels, driven by user input of their favorite YouTuber's name. Leveraging data analysis and visualization techniques, the project generates comprehensive insights into channel performance and audience engagement. By incorporating data processing, natural language processing, and visualization libraries, the project demonstrates the ability to extract valuable information from YouTube data and present it in a visually appealing and user-friendly manner. The project showcases a strong proficiency in Python programming and a keen understanding of data-driven insights in the context of YouTube analytics.



INTERPERSONAL SKILLS

- Communication
- Problem Solving
- Analytical Thinking
- Negotiation
- Leadership
- Team Work
- Work Ethic
- Empathy
- Persuasion
- Business Acumen



LANGUAGES

- Punjabi
- English
- Hindi



INTERESTS & HOBBIES

- Listening Podcasts
- Listening Music
- Reading Books
- Watching Documentaries
- Chess
- Cycling
- Cooking



PERSONAL INFORMATION

- Date Of Birth: 16/03/2000
- Gender: Male
- Nationality: Indian

• PillGrim- The Pill Dispenser

Built and deployed a pill reminding, dispensing and data collecting IoT device using NodeMCU microprocessor and arduino programming. Also developed a dashboard and control panel web app for the same to enhance the user experience with the help of my team. The device is single handedly capable of reminding and dispensing pills and keeping the records for future references and can be seen on web app as various graphic visualisations.



TECHNICAL SKILLS

- | | |
|--------------------------------|------------------------|
| • C/C++ | <div><div></div></div> |
| • Numpy & Pandas | <div><div></div></div> |
| • HTML/CSS | <div><div></div></div> |
| • Advanced Excel | <div><div></div></div> |
| • Advanced SQL | <div><div></div></div> |
| • Regex | <div><div></div></div> |
| • Data Extraction and Cleaning | <div><div></div></div> |
| • Web Scraping | <div><div></div></div> |
| • Panel Visualisation library | <div><div></div></div> |
| • Data Structures & algorithms | <div><div></div></div> |
| • Object Oriented Programming | <div><div></div></div> |
| • Arduino Programming | <div><div></div></div> |



CERTIFICATIONS

- Automation Anywhere RPA Essentials for Students (Automation 360)
- Google Data Analytics Course (Coursera)
- React.js and Node.js by Infosys Springboard
- Blockchain and its Applications(NPTEL)