ADITYA CHABBA

Contact

📞 +91 9816067167

✉️ adityachabba02@gmail.com

📍 Mohali, Punjab 160059

Skills

Technical Skills

Programming & Scripting

Python (NumPy, Pandas, Matplotlib)

SQL (for data querying and manipulation)

Web development

HTML5

CSS

Java Script

React JS

Data Analytics & Processing

Data cleaning & preprocessing

Exploratory Data Analysis (EDA)

Statistical analysis & hypothesis testing

Data Visualization

Summary

Proactive and detail-oriented Computer Science and Engineering graduate with a strong foundation in data analytics, and web development. Adept at transforming complex datasets into actionable insights through hands-on experience with Python, SQL, and data visualization tools like Tableau and Matplotlib. Demonstrated ability to solve real-world problems through academic projects involving predictive modeling, and statistical analysis. Passionate about leveraging data to drive intelligent decision-making and eager to contribute to a forward-thinking organization through an internship that fosters learning, innovation, and impact.

Education

Bachelor of Engineering Technology: Computer Science Engineering   **Aug 2025**

Chitkara University   *Rajpura, Punjab*

Projects

Data cleaning, Data analysis, Data visualisation
- Deployed link
- GitHub Repo
- Leveraged SQL to cleanse and standardize datasets by identifying and removing duplicates, handling missing or null values, and performing precise data type conversions — ensuring data consistency, accuracy, and readiness for analysis.
- Executed advanced data cleaning in Excel using functions like VLOOKUP, TRIM, and conditional formatting to accurately resolve inconsistencies, eliminate errors, and enhance overall data quality and reliability.
- Crafted dynamic and interactive dashboards in Tableau to effectively visualize key performance indicators (KPIs), uncover trends, and highlight actionable patterns, empowering stakeholders with impactful, data-driven insights.

Online pharmacy [HTML, CSS, Javascript, Firebase]
- Deployed link
- GitHub Repo

Tableau / Power BI

Python libraries (Matplotlib, Seaborn, Plotly)

Databases

Relational: MySQL

NoSQL: MongoDB

Cloud & Deployment (optional but valuable)

AWS (IAM, EC2, S3, Nginx, Lambda, Redshift)

Docker (for containerization)

Version Control & DevOps Tools

Git, GitHub

Jupyter Notebooks

VS code (for coding)

Virtual Box

Microsoft tools:

Microsoft office

UI/UX:

Figma

Soft Skills

Analytical & Problem-Solving

Ability to interpret complex datasets

Logical and structured thinking

Root cause analysis and troubleshooting

Communication

Presenting data-driven insights clearly

Writing technical reports and dashboards

Explaining technical findings to non-technical audiences

Teamwork & Collaboration

- Engineered a responsive and intuitive user interface using HTML, CSS, and JavaScript, delivering a seamless and user-centric experience through elegant design and enhanced interactivity.
- Integrated Firebase Authentication to implement secure and reliable login functionality, significantly enhancing privacy and safeguarding sensitive medical data through robust user verification and access control mechanisms.
- Designed and implemented a dynamic product catalog equipped with advanced search, pagination, and filtration capabilities, streamlining product discovery and elevating the overall user experience.
- Enabled seamless order management and a streamlined, step-by-step checkout experience, integrating secure payment processing and real-time order tracking to enhance transaction efficiency and customer satisfaction.

Languages

- **English**: Fluent
- **Hindi**: Native

Activities And Honors

- Team leader of academic projects
- Participated in Hackathon, reaching top 5 teams
- Core member of the C2S2 (cultural and social service club)
- Grabbed first position in college fest rapping competition

Certifications

- **Infosys:** Successfully completed the "Introduction to Cloud Computing" course offered by Infosys, gaining foundational knowledge of cloud service models (IaaS, PaaS, SaaS), deployment models, and core concepts of cloud infrastructure and virtualization. [Click to view](#)

- **IBM:** Completed the "Developing Front-End Apps with React" course by IBM, acquiring hands-on experience in building dynamic user interfaces using React components, JSX, state management, and React Router. [Click to view](#)

- **Coding Ninja:** Completed the "Advanced Web Development" course by Coding Ninjas, gaining in-depth knowledge of modern web technologies including HTML, CSS, JavaScript, React, backend integration, and full-stack application development. [Click to view](#)

- **Masai:** Currently pursuing the *"Full Stack Web Development"* course at Masai School, focusing on building scalable web applications using technologies like HTML, CSS, JavaScript, React, Node.js, and MongoDB, with an emphasis on industry-ready skills and hands-on projects.

Working in cross-functional teams (e.g., data scientists, developers, business analysts)

Agile/Scrum methodology experience

Attention to Detail

Precision in data handling and analysis

Identifying anomalies or data quality issues

Adaptability & Continuous Learning

Keeping up with evolving data tools and technologies

Quick learner in dynamic environments

Time Management

Managing multiple datasets/projects

Prioritizing analysis tasks effectively

Portfolio

- Professional portfolio - LinkedIn
- Code Portfolio - GitHub

Interests And Hobbies

- Experimental cooking
- Writing and reciting rap music
- Music production
- Playing different musical instruments like dholak, tabla, congo