

ATUL KUMAR



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OBJECTIVE

"Goal-oriented Computer Science graduate skilled in HTML, CSS, and Python. Looking for opportunities to design user-friendly websites and applications while improving user experience through responsive design techniques." "Strong fundamentals in programming languages like Python and JavaScript. Passionate about building scalable applications and leveraging my knowledge of data structures and algorithms to solve real-world problems."

EDUCATION

- **Bachelor of Technology in Computer Science & Engineering** **2022 - 2025**
University of Lucknow
- **Diploma in Engineering (Electrical Engineering)** **2017 - 2020**
Little flower Polytechnic, Gorakhpur
- **Intermidiate School (Science)** **2015 - 2017**
Central Hindu School U.P. India

SKILL SUMMARY

- **Languages:** JavaScript, SQL, HTML, CSS, Python
- **Technical Skills:** Bootstrap, CSS, Django, Anaconda, w3.CSS, Reactjs, TailwindCSS.
- **Tools:** Git, Github, Figma, Hoppscotch.
- **DataBases :** MySQL(SQL), PyMongoDB(NoSQL).

PROJECTS

- **PredictMedix (Medical Insurance cost prediction) :** This is a machine learning project inspired by TATA.AIG, allowing users to calculate their medical insurance cost on basis of there information.
 - **Input Personal Information and Predict Insurance Costs:-**
Tech Used: Python, Flask, HTML, CSS, JavaScript, Bootstrap.
Users can input details like age, gender, BMI, smoking status and region through a web form
 - **Visualize Data and Feature Impact:-**
Tech Used: Python, Matplotlib, Seaborn, and HTML.
Bar plots, scatter plots, and histograms generated using Matplotlib and Seaborn.
 - **Save, Compare, and Export Predictions:-**
Tech Used: SQLite, Python, Pandas, csv.
Users can store predictions in a local database (SQLite) or export them as CSV files for offline.
 - **Access Through Web or Mobile Interface:-**
Tech Used: Flask (Backend), HTML, CSS, JavaScript (Frontend), Docker (Deployment) AWS.
- **Notes Application:** Notes Application with Full Functionality and Responsive Design
 - **User Input Form** - Collects details like age, gender, BMI, children, smoker status, and region.
 - **Premium Prediction** - Provides an estimated insurance premium based on user inputs.
 - **Data Analysis** - Displays insights into how different factors influence insurance costs.
 - **Report Export** - Allows users to download predictions and analyses in PDF or CSV format.
 - **Web-Based Access** - Offers a responsive interface accessible via web browsers and mobile devices.

CERTIFICATION AND LEARNING

Full stack Web development certification at Innovate Intern where I learn multiple technologies like **MERN** stack, **SQL Databases**, tools like **Git, Github, Chat gpt** and many more. **Responsive Web Design** certification at **Letsupgrade.in** where the certification has a **project- based learning** curriculum. I have made **multiple projects** in HTML and CSS to be eligible for this certification.