**SOHAMKUMAR PATEL**

[sohampatel75750@gmail.com](mailto:sohampatel75750@gmail.com) | +1 (437)-679-3639 | [GitHub](https://github.com/sohamp10) |[Portfolio](https://sohamp10.github.io/portfoliowebsite/index.html)

**SUMMARY OF QUALIFICATIONS**

* Graduate student in Computer Science and Artificial Intelligence.
* Quick learner with strong attention to detail, analytical and problem solving, communication, organizational, and time management skills sharpened through experience and seeking a challenging role in software product development.
* Proficient in Python, JavaScript, SQL, SharePoint, Microsoft Power BI, Microsoft Excel and Tableau.

**EDUCATION**

**Centennial College**, Toronto, Canada Sep 2021 - Apr 2023

*Post-Graduation in Artificial Intelligence*

***Key Coursework:*** *Machine Learning Concepts, Mobile Application Development, Data Analysis, Natural Language Processing, Advance Database Concepts, Cloud Machine Learning*

**Indus University**, Ahmedabad, India Jul 2016 - Aug 2020

*Bachelor of Technology in Computer Science*  CGPA 9.19/10.00

***Key Coursework:*** *DBMS, HTML, CSS, JavaScript, Data Mining and Business Intelligence, Big Data, Data Structures and Algorithms, Algorithm Analysis and Design, Object-Oriented Programming, Web Technologies*

**WORK EXPERIENCE**

**Data Reporting Analyst** Jun 2020 - Oct 2021

*Orbit Software. Ahmedabad, India*

* **Data Analysis:** Developed and deployed dashboards, visualizations, and dynamic reporting interfaces in **Power BI** and **Excel** to be distributed to stakeholders; increasing company revenue by 7%
* **Data Gathering:** Partnered directly with data project teams through understanding of their context and goal by finding and collecting the data from data marts based on business needs.
* **Design Report:** Designed weekly Ad-hoc reports with a prime focus on data discovery and trend analysis in reporting. Work closely with QA teams developing procedures to ensure accuracy of data projects and written reports.

**Intern – Facial Recognition System** Jan 2020 - May 2020

*Maxgen Technology. Ahmedabad, India*

* Developed and implemented a cutting-edge live facial recognition system for automated student attendance tracking.
* Successfully interfaced and synchronized the facial recognition software with the Raspberry Pi hardware, demonstrating adeptness in both software development and hardware integration.
* Spearheaded the end-to-end development of a comprehensive solution for automated attendance management

**PROJECTS**

**Book Management System (HTML, CSS, JavaScript, MongoDB)**

* Designed and developed a Book Management System, a dynamic web application showcasing my full-stack development expertise. This system allows users to efficiently add and delete books by genre, featuring responsive design for seamless use across devices.
* Key functionalities include genre-based sorting and a search feature for quick access to specific titles or authors. Implemented secure user authentication and robust data storage mechanisms, highlighting my proficiency in HTML, CSS, JavaScript, and backend technologies.

**Cricket world cup Analysis (Jupyter Notebook, Python, Power BI)**

* Create best 11 players team based on world cup 2022 data. Used Python script to preprocess the data and create tables with the help of conditional formatting in Power BI.

**Movie Recommendation Model of Netflix (Pycharm, Python, Natural Language Processing)**

* Developed a movie recommendation system using Python (Pandas, NumPy) and advanced NLP, implementing collaborative filtering algorithms on Netflix data by delivering context-aware film recommendations.

**TECHNICAL SKILLS**

* **Programming Languages:** SQL, Python, Java, HTML, CSS, JavaScript, C/C++, C#
* **Databases:** MS SQL Server, MySQL, Oracle DB
* **Skills**: Analytical and Critical Thinking, ETL Testing, Agile Methodology, Data Mapping, Problem-Solving, Attention to Detail, Teamwork, Presentation, Communication.
* **Tools:** Tableau, Microsoft Power BI, JIRA, Microsoft BI Stack, MS Excel (VBA), SharePoint, Tableau