**NITIKA MALHOTRA**

Oswego, IL | [nitikamalhotra.011@gmail.com](mailto:nitikamalhotra.011@gmail.com) | 331-226-7754

**Experience**

**TechMates 01/2023 – 06/2023**

React.js Developer Internship

* Worked with HTML, CSS, and JavaScript to design frontend for user experience
* Implemented responsive design principles to ensure compatibility across various devices and browsers
* Helped build dynamic webpages by creating reusable features and managing application data
* Implemented UI/UX best practices, ensuring functional consistency across the application
* Used GIT version control to manage application’s source code, track changes, and collaborate with team members
* Utilized JIRA to organize, manage tasks, and track progress to meet deadlines

**Academic Projects 01/2022 – 12/2022**

**House Price Prediction using Machine Learning**

* Collaborated with a partner to develop House price prediction model based on features like rooms, size, and amenities
* Applied algorithms as Linear Regression, Lasso, and Decision tree achieving an accuracy of more than 80%
* Utilized Python, Pandas, Sci-kit learn and Matplotlib for data cleaning, data visualization, and model training
* Developed a simple web interface to demonstrate the model to users using HTML, CSS and JavaScript

**Explore Indian History: British Empire**

* Developed a Quiz Application using Python, Tkinter and JSON for dynamic question loading and user interface
* Created a dynamic user interface using Tkinter to provide a seamless user experience
* Integrated JSON based data storage making it easy to manage and update data without editing the core application
* Integrated data validation providing users with real-time feedback on their responses

**Education**

**Bachelor of Science: Computer Science Graduated: 06/2023**

Maharaja Ranjit Singh Punjab Technical University, India

**Relevant Coursework:** Introduction to Computing, Programming Fundamentals, The Object-Oriented Paradigm, Data Structures, Database Management, Operating System, Machine Learning, Networking Fundamentals

**Certifications**

Google Data Analytics, Coursera Sept 2024

Python Fundamentals, Kaggle July 2023

**Skills**

HTML, CSS, Python, SQL, Jupyter Notebook, Pivot tables, Git, JIRA, MS Office