

# Raghav Patodiya

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## EDUCATION

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- **Manipal University Jaipur** Rajasthan, India  
*Bachelor of Technology - CSE; GPA: 8.33 (till 6th sem.)* 2020 - 2023
- **Cambridge Court High School** Rajasthan, India  
*High School(12th) - CBSE; Percentage : 91.2* 2020
- **St. Anselms Pink City Sr. Sec. School** Rajasthan, India  
*Middle School(10th) - CBSE; Percentage : 91* 2018

## SKILLS

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- **Languages:** Python, C++, SQL, Golang, HTML, CSS, Django, Javascript, React, NodeJS, MongoDB, Latex
- **Tools:** GIT, PostgreSQL, PgAdmin, MySQL, PostmanAPI, SwaggerAPI, VS Code, MobaXterm, Docker
- **Platforms:** Windows, Linux, Web
- **Soft Skills:** Leadership, Writing, Public Speaking, Time Management
- **Interests:** Basketball, Enjoys watching videos by Tech Influencers, Likes to play Call of Duty

## EXPERIENCE

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- **Internship - June 2022 to August 2022:**  
Orchestrated backend development for the feed-service page at Mabel using REST APIs in Golang with the Gin Framework. Employed Swagger for meticulous API structure documentation and utilized Postman for seamless hosting and rigorous testing. Engineered a robust PostgreSQL database via PGAdmin4, leveraging GORM for precise data manipulation in a relational context.
- **Virtual Internship - May 2023 to July 2023:**  
Spearheaded Salesforce development, mastering Fundamentals, Organizational Setup, and Relationship & Process Automation. Achieved proficiency in Apex testing and debugging, optimizing development workflows with VS Code and CLI. Attained mastery in Lightning Web Components and API integration, positioning for triumph in Salesforce development endeavors.
- **Internship - July 2023 to September 2023:**  
Conducted Greenhouse Effect predictions at St. Jose State University, utilizing Kaggle datasets under Prof. Ms. Navrati Saxena. Analyzed greenhouse gas emissions data, generating insightful visualizations and predictive models. Researched emission influencers, extracting climate change insights from intricate data patterns.

## PROJECTS

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- **Real - Time Chat Application:** Built a real-time chat app utilizing Django Channels and React, enabling WebSocket connections for instant messaging. Ensured data consistency through effective synchronization strategies, providing users with reliable communication. Implemented user authentication and authorization for secure chat access, creating a safe and personalized chat environment. The application focuses on real-time functionality and secure user interactions, offering a straightforward and efficient chat experience.
- **Keylogger Software:** Developed a sophisticated Python keylogger capturing user keystrokes, active window details, and usage timestamps. Enabled remote data access by integrating Google Drive functionality through Pynput, Win32gui libraries, and the Google Drive API. Engineered a user-friendly, stealthy, and secure keylogger, applicable for monitoring employee productivity and parental control.
- **E - Commerce Website:** Developed a complete e-commerce solution using Django and React, providing users with an intuitive shopping experience. Integrated a secure payment gateway with industry-standard encryption protocols to safeguard user transactions. To enhance user experience, implemented lazy loading for faster page loading times. Designed a scalable backend architecture, incorporating database indexing and caching for efficient data retrieval, ensuring seamless scalability as the platform grows.
- **Website to recommend Best Gaming Peripherals :** Engineered a dynamic e-commerce website for PC gaming peripherals with integrated login functionality. Utilized APIs from Amazon, Flipkart, etc., for real-time product data, incorporating secure login, newsletter features, and personalized database management.

## COURSES & CERTIFICATIONS

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- **Courses - BTech: Computer Science** - Covered a spectrum of subjects from OOPs & Operating Systems to Data Science & Machine Learning, integrating quantitative metrics into the learning process
- **The Complete 2023 Web Development Bootcamp - Udemy:**  
Acquired proficiency in web development technologies, including HTML, CSS, Bootstrap, JavaScript, React, NodeJs, MongoDB, & Web3.
- **DFo Database Foundations Learner - Oracle:**  
Gained expertise in Relational Databases, Conceptual & Physical Data Models, Entities & Attributes, and ERD's. Executed Tracking Data Changes, Normalization & Business Rules, Data Modeling, Terminology & Mapping, Oracle SQL Data Developer Model, and the conversion of Logical Model into Relational Model. Gained hands-on experience with Oracle Application Express, SQL, DML, DDL, TCL, and Running Queries.