# Harsh Ravindra Chaudhari

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## Skills

**Languages:** Python, Sql, HTML, CSS, Javascript, PHP, Java, XML, Prompt Engineering
**Technologies & Tools:** Oracle, VS Code, Android Studio, Node.js, Express.js, Sql Workbench, phpmyadmin,Postman, Bootstrap, Tailwind Css, Github, git, Xampp, Figma, Azure, AI, Video Editing, Premier Pro, After Effects, Photoshop

## Work Experience

**Lotus Educare Academy, Navi Mumbai**                                    Jun 2022 - Aug 2022
*Web Development Intern*

- During my tenure as a Web Developer intern, I passionately dedicated my efforts to crafting an intuitive
  and visually appealing **Car Directory Website.**
- Leveraging my expertise in HTML, CSS, and JavaScript, I focused on creating a dynamic user interface to deliver a compelling user experience. While my primary focus was on frontend development.
- I actively collaborated with my colleagues to ensure seamless integration with the backend, utilized technologies such as MySQL and Node.js.
- Sql, Html, Css, Javascript, Node.js,Express.js, Postman, Bootstrap, Github, phpmyadmin.

## Education

**BVIT Kharghar, Navi Mumbai**                                    Aug 2020 - Jun 2023
Diploma in Information Technology                                    *CGPA:8.2/10*
Relevant Coursework: Object Oriented Programming, Web Development, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Communication Skills, Entrepreneur Development

**DMCE Airoli, Navi Mumbai**                                    Aug 2023 - Present
B.E. in Artificial Intelligence and Data Science
Relevant Coursework: Object Oriented Programming, Databases, Discrete Mathematics, Operating Systems, Computer Networks, Artificial Intelligence, Machine Learning, Data Mining, Data Warehousing, Advance Data Structures and Algorithms

## Project Work

- **AI Virtual Assistant (2023)**: Developed a desktop-based voice assistant using Python to enable users to perform various tasks without relying on traditional input devices like keyboards and mouse with Voice Input and Output. Implemented features include web searches, email updates, media playback, reminders, alarms, and weather updates, Automation. Enhanced accessibility for elderly, blind, and physically challenged users. Utilized machine learning and natural language processing to improve task accuracy and user interaction. Python, SpeechRecognition, Pyttsx3, Google API

- **Attendify (2024):**Developed an innovative mobile application to streamline and simplify attendance management for college students. Implemented features for real-time attendance tracking, intuitive navigation, and easy access to records. Built the app in 7 hours, demonstrating efficiency and dedication. Java, XML, Android Studio

- **PDF-AI (2024)**: Developed an AI-powered application that allows users to upload PDF documents and interact with them through natural language queries. Integrated Astra DB and LangChain for efficient information retrieval using vector search. Utilized OpenAI API for generating accurate responses and processed PDF content with PyPDF2. Implemented text chunking using character text splitting to optimize data embedding in a Cassandra-backed vector store. Created an interactive question-answer loop to handle user queries, providing relevant document excerpts as answers. Python, LangChain, OpenAI, API, AstraDB, PyPDF2.

- **Chat Application (2024)**: Developed a real-time chat application using PHP and SQL, featuring user registration, login, and message sending functionalities. Integrated a MySQL database for efficient data management and retrieval. Implemented secure user authentication and session handling to ensure data privacy. Utilized Bootstrap for responsive and user-friendly UI design. The application supports real-time messaging by updating the chat interface without requiring page reloads, providing a seamless user experience. PHP, SQL, Bootstrap.

## Certificates

- [GenAI: Prompt Engineering](#) on Google
- [Artificial Intelligence Job Simulation](#) on Cognizant
- [JavaScript Assessment](#) on HackerRank
- [SQl Assessment](#) on HackerRank