# Hemlata Yadav

Location: India

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To excel in a challenging engineering development role, utilizing effective and creative problem-solving skills to drive innovative solutions and overcome complex challenges..

## TECHNICAL SKILLS

Python | OOPs | DSA (basic)| HTML | CSS | Bootstrap | Flask | Jinja | JavaScript | ReactJS | jQuery | MongoDB | Express.js | REST APIs | Node.js | C++ | Version Control (Git) | Numpy | Pandas | Debugging and Testing | Sensors | Arduino | IoT

## EXPERIENCE

**TechMentor Engineer**                                                July 2022 – June 2023
*Sharda University*                                                                *Noida*

- Proficient in building drones from scratch with expertise in Pixhawk and ArduPilot controllers.
- Skilled web developer proficient in crafting responsive and user-friendly websites using HTML, CSS, and JavaScript.
- Experienced in deploying home automation systems to enhance convenience and efficiency.
- Effective communicator and educator, passionate about inspiring technology enthusiasts.
- Possess a versatile technical background encompassing hardware and software expertise.

**Researcher**                                                        May 2021 – July 2021
*Quikzip*                                                            *Remote–Greater Noida*

- Gathered data relevant to the Product and analysed the demands with team.
- Searching and gathering information of market

## EDUCATION

**Sharda University**                                                    Greater Noida
*Bachelor of Electrical and Electronics Engineering -7.9*              *Aug 2018 – OCT 2022*

**Army Public School Kirkee**                                                        Pune
*Intermediate (Class XII) - 73*                                    *April 2017 – May 2018*

**Army Public School Kirkee**                                                        Pune
*Matriculate (Class X) -9.2*                                       *April 2015 – May 2016*

## PROJECTS

**IPDC lab-Website**                          *HTML, CSS, JavaScript, Nodejs*

- Designed and developed a clean and modern website using **HTML, CSS, and JavaScript**
- Optimized website for **speed and user experience**
- Utilized **responsive design** to ensure compatibility across all devices

**Mental health Website**                     *HTML, CSS, JavaScript, Nodejs, Mongoose*

- Technology Stack: The website is built using **HTML, CSS, JavaScript, and Node.js** . It utilizes MongoDB with Mongoose as the database for storing user information.
- User Platform: Users can create accounts, access their profiles, and share their life experiences through posts on the platform. The posts are stored in the database and can be viewed by other users.
- Additional Features: The website provides various resources to support personal growth and well-being, including access to podcasts, music, books, and yoga. Users can explore and engage with these resources.

- Community and Support: The website fosters a community where users can connect, support, and interact with each other. It may include features such as forums, chat, or messaging to facilitate communication and provide support.

**Voice Assistant**                                    *Python, Python-Libraries*

- Functionality: The voice assistant performs various tasks such as providing time, playing music and videos, sending emails and messages, and assisting with general queries and calculations.

- The voice assistant utilizes NLP techniques with Python libraries to understand and interpret user commands, enabling accurate execution of tasks.

## CERTIFICATIONS

- Certified Web Developer by Blackberry Udemy

- Udemy Certified: Pyhton Developer

- Crash Course Electronics and PCB Design

- Arduino and 30 Projects

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## EXTRACURRICULAR ACTIVITIES

- NCC Rank Holder  - Demonstrated leadership and mentoring skills.

- 5km Marathons in Pune  - Showcased discipline and endurance.

- Hackathons  - Contributed innovative ideas.

- Community Volunteering  - Highlighted a commitment to community involvement.