Shruti Natekar

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EDUCATION

PVG COET, GKPIOM   **Pune, India**
Bachelor of Engineering: Computer Science and Engineering, expected June 2026

SKILLS:

Programming: Python, C++, HTML, CSS, Bootstrap, JavaScript, MERN Stack, MySQL, Wordpress
Graphic Design Tools: Canva, Figma, Pencil Tool, Blender.
Other: LaTeX, MS-Word, MS-PowerPoint, MS-Excel.
Soft Skills: Problem Solving, Teamwork, Leadership, Attention to details, Adaptability, Creativity, Active Listening, Patience

EXPERIENCE:

MERN Stack Intern | UpToSkills | November 2024 – February 2025
- Contributed to the development of AI Interview full-stack project using the MERN stack.
- Enhanced project efficiency by optimizing code structure, improving API performance, and implementing best practices in software development.
- Led a team and assigned tasks which included implementing frontend features, developing RESTful APIs, and integrating the backend with the database as the Team Lead

Web Development Intern | Bhaktivedanta Research Center Pune | January 2025 – Present
- Developed and managed a website for BRC Pune using WordPress, ensuring a user-friendly interface and seamless functionality.
- Customized themes, configured plugins, and implemented design improvements to meet organizational requirements.
- Collaborated with stakeholders to gather feedback and make iterative updates for optimal performance.

PROJECTS:

Posture Correction Chair, *April 2023 - July 2023*

- Detection of the spine's depth with an ultrasonic sensor using Arduino Uno and alerting users when their posture deviates.
- Emphasizes both posture correction and comfort by providing optimal back support that promotes a natural spinal curve.
- Use of ultrasonic sensors and real-time alerts highlights the project's focus on integrating technology to enhance user wellbeing.

Translation of Indian Sign Language(ISL), *January 2024 - May 2024*

- Development of robust computer vision algorithms for accurate gesture detection using PyTorch.

- Collection and curation of diverse sign language datasets for model training.
- Ensures compatibility with various hardware platforms for widespread accessibility.

CO-CURRICULARS:

- Design and Production Team member of ACES 2023-24
- Design and Production Team member of TEDxPVGCOET 2023-24
- Member of VLABS PVGCOET
- Design and Production Team Joint Head of ACES 2024-25

Extra curriculars:
Languages – English, Japanese (N4), Spanish (Elementary), Hindi (Third language proficiency), Marathi (Native proficiency), Sanskrit(Elementary)
Art – Classical art (Passed the Elementary, Intermediate drawing exam by the Maharashtra Govt.), digital art.