PRACHI SAPKAL

Pune • prachisapkal.work@gmail.com • +91-7887882350 • **LinkedIn** • **GitHub**

EDUCATION

Bachelor of Engineering (Information Technology)   *June 2021 -Present*
NBN Sinhgad Technical Institutes Campus   **CGPA 8.0/10**

Class 12th   *June 2019 – May 2021*
Rajiv-Gandhi E-Learning School & Jr. College   **Percentage – 81.67**

Class 10th   *May 2018 – May 2019*
Muktangan English School & Jr. College   **Percentage - 87.60**

EXPERIENCE

Research & Development Intern   *Sept 2024 – Nov 2024*
Bharat forge Ltd. | Pune, India.

- Implementing Research activities on AUV (Autonomous underwater Vehicle).
- Collaborated with French experts on AUV implementation and testing, effectively communicating technical findings and project updates.
- Collecting & Analysing data across gliders & AUV's.

PROJECTS

Employee Management   *August 2024*
• A Streamlined **Java** application designed to optimize employee record handling enhancing HR processes.
• Mastered the basics of OOPS. Implements CRUD functionalities for employee records, allowing for comprehensive management of data.
• Achieved an estimated 25% reduction in processing time & for adding and updating employee records through optimized database queries.

Personal Portfolio   *April 2024*
- Analysed GitHub project structure and identified front-end technologies (**HTML5**, **CSS**, **JavaScript**) used to create an interactive and responsive personal portfolio.
- Mastered the basics of web structure and styling, including responsive design techniques and frameworks like Bootstrap.
- Evaluated layout and responsiveness for 3+ device types (desktop, tablet, mobile), identifying 20% improvements in cross-device compatibility & user experience.

SKILLS

- **Programming Languages:** Java, Python.
- **Technologies:** HTML5, CSS, SQL, ML.
- **Tools**: Git, Jupyter Notebook, Canva.

EXTRA CURRICULAR & ACADEMIC ACHIEVEMENTS

- **National Winners** of Aagaaz 2023 (**MOOD INDIGO** hosted by **IIT BOMBAY**), represented College at **National** level leading a team of 30+ members.

- Managed 20+ college events, Coordinated with diverse teams of students and faculty to plan and execute events, improving collaboration and communication across departments.