Deepraj Sonawane

Pune, Maharashtra

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EDUCATION

Ajeenkya DY Patil School of Engineering   **07 2021 – 05 2025**
*Bachelor of Engineering - Computer Engineering - **CGPA -8.50***   *Pune, Maharashtra*

Sri Chaitanya Jr. College   **06 2019 – 06 2021**
*Higher Secondary Certificate - **Percentage - 91.33%***   *Pune, Maharashtra*

Priyadarshani High School   **06 2019**
*Secondary School Certificate - **Percentage - 82%***   *Pune, Maharashtra*

INTERNSHIP

TechLeaper Systems Pvt Ltd ⬈   **Jan 2024 – Feb 2024**
Software Trainee   *Pune, Maharastra*

- Developed a full-stack web application using Angular for the front-end, Node.js, Express for the back-end, and MySQL for database management.
- Implemented features for data retrieval, creation, and updates, ensuring efficient API communication between the front-end and back-end.
- Collaborated with the team at Techleaper System Pvt. Limited to deliver a scalable and user-friendly solution during the internship.

PROJECTS

File-Packer-Unpacker | Java Programming | https://github.com/Deepraj09/JavaPackerUnpacker.git

- This project is used to perform packing and unpacking activity for multiple types of files.
- In the case of Packing activity, we maintain one file which contains metadata and data of multiple files from the specified directory. In the case of Unpacking activity, we extract all data from packed files and according to its metadata, we create all files.

CVFS | C++, Systems Programming | https://github.com/Deepraj09/CVFS.git

- Designed and implemented a virtual file system by emulating data structures used by operating systems, such as Incore Inode Table, Super Block, and User File Descriptor Table, all managed in primary storage (RAM).
- Developed and integrated key system calls and file management commands including Open, Close, Read, Write, Lseek, Create, RM, LS, Stat, and Fstat, following UNIX Operating System algorithms.

Restaurant-Record-app | Angular, Node, Express, Json Server | Link

- Developed a full-stack restaurant record management app using Angular for the frontend and Node.js, Express for the backend, enabling users to add, view, update, and delete restaurant records.
- Implemented JSON Server for mock data storage and API functionality, showcasing expertise in building RESTful interfaces and integrating frontend-backend technologies.

TECHNICAL SKILLS

Languages: C++, Java, Python, HTML5, CSS3
Developer Tools: Git, Github, VS Code, Pycharm
Technologies/Frameworks: Angular 15, Node.js, Express
Database: MySQL, MongoDB

EXTRACURRICULAR

- Served as **GDSC (Google Developer Student Club) Web Co-lead**
- 1st Prize in Inter-College **Web designing Event.**
- Attended multiple seminars focused on **Web3 and AI technologies.**