Palak Mantri

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EDUCATION

University of Pune   **Pune, India**
Bachelor's in Engineering (Computer Engineering)   *Nov 2020 - Jun 2024*
CGPA : 9.35

Mother Mary Junior College   **Mumbai, India**
HSC | Percentage : 79.38%   *Jun 2018 - Mar 2020*

SKILLS

Languages : Java, Javascript, Python **| Tools :** Git, VS Code, Postman, IntelliJ Idea, Eclipse
Frontend : ReactJS, NextJS, CSS Frameworks **|Backend :** NodeJS, ExpressJS, REST API **| Databases :** MYSQL, MonogoDB
Others : Linux, OOPS, Data Structures & Algorithms, AWS Learner, Problem Solving, Team Work, Communication

WORK EXPERIENCE

Persistent Systems Limited   **Pune, India**
Software Developer Intern   *Jan 2024 - Jul 2024*
- Completed an assessment-based training program focused on Core Java,Spring Framework, Spring Boot, Maven, and JUnit.
- Gained hands-on experience and extensive knowledge in building and deploying Java-based applications through hackathons.

GSSOC 2023   **Remote**
Open Source Contributor   *May 2023 - Aug 2023*
- Acquired version controlling and open-source expertise from this program.
- Contributed to many small projects.

Tactic - Money   **Pune, India**
Frontend Developer Intern   *Mar 2023 - Apr 2023*
- Developed a secure, scalable React-based web application using engineering
- Implemented responsive themes and a trade panel, ensuring clean, optimized, and reusable code.
- Contributed to technical documentation and maintained clear commit messages.
- Familiarized with React Native and integrated Appsmith database.

SELECTED PROJECTS

Automatic Facial Makeup Recoginzation For Device Security *(Computer Vision, Machine Learning)* [Github]
- Utilized deep neural networks and machine learning to enhance device security by distinguishing individuals with makeup attempting to imitate the real user.
- Built databases of makeup and no-makeup images by gathering them from various online sources, followed by applying normalization and augmentation. Developed a user interface for testing with Streamlit.
- Prevented unauthorized access and promoted the ethical use of facial recognition technology, curated a research paper which got selected in ICICCD UPES dehradun Conference 2024.

Connectify - A Social Media App *(ReactJS, Chakra-UI, Firebase)* [Github] [Live]
- Innovated a React-based social media platform similar-to Twitter, enabling users to post thoughts and interact through likes and comments.
- Designed the user interface using Chakra UI and integrated Firebase for authentication and storage.

NotesAdda - *(NodeJs, EJS, MongoDB)* [Github] [Live]
- Developed a full-stack notes-taking application using Node.js for the backend, EJS (Embedded JavaScript) for rendering dynamic frontend views, and MongoDB for database storage.
- Implemented complete CRUD functionality including note creation, search, updation and deletion.
- Automatic pagination was added to handle massive volumes of data effectively, enabling users to peruse their notes with ease and without compromising speed.

Bicycle Test Drive *(HTML , CSS, Javascript, php)* [Github]
- Created a user-friendly platform for customers to book test drives for various bicycles.
- Users can conveniently explore and choose desired bicycles before purchasing.

Achievements

- Achieved top 10 in Semicolons by Persistent amongst 250+ teams.
- Selected for Persistent Martian Internship Program '23.
- Walmart Virtual Engineering Program.
- Secured rank 2 in inter-college coding competition.
- Open-source Contributor @ Girlscript '23, @ Hacktoberfest'22.
- Technical Annual Fest / ZION'23 | Event Head.