PUSHKAR JADHAV

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Education

MGM's Jawaharlal Nehru College of Engineering   **August 2021 - June 2025**
Bachelor of Technology in Computer Science(GPA of 7.9)   *Maharashtra, India*

Intermediate (12th standard) **85%**
New English high School, Aurangabad   *2021*

Secondary School Certificate (10th standard)   **89.80%**
Chate English School, Aurangabad   *2019*

Experience

Sort Solution   **Dec 2024 – June 2025**
Frontend Web Developer Intern   *Remote*

- Frontend Web Developer Intern and Team Lead.
- Led 8-member team to build a DMS and Haldiram analytics dashboard.
- Designed UI with wireframe.cc, assigned tasks, and followed agile sprints.
- Built version control UI, integrated AI APIs, and developed dashboard sections.
- Key features: doc upload, file/folder view, activity logs, responsive design.

Projects

File Sharing Web Application | *Node.js,Express.js React.js, MongoDB* | ⌽ Repository link   4

- Engineered a file-sharing application with the MERN stack, facilitating uploads and downloads of over 50 files per day, enhancing user experience through efficient file management.
- Configured the backend using Node.js and Express, streamlining server setup and processing, resulting in a **25 percent reduction** in upload times.
- Utilized MongoDB to manage file metadata, ensuring fast access and improved data integrity, leading to a **45 percent increase in** application reliability.

Air Canvas | *OpenCV , Python, NumPy* | ⌽ Repository link   4

- Implemented robust hand landmark detection to identify the index fingertip and convert its movement into continuous drawing strokes, simulating freehand drawing in the air.
- Developed gesture-based controls such as index finger for drawing and two fingers together for switching modes, showcasing applied knowledge of computer vision and interaction design.
- Added multithreaded voice recognition for "clear canvas" command

Smart Notes Web App | *Reactjs, GenAI, Nodejs,MongoDB* | ⌽ Repository link   4

- Built a full-stack smart note-taking application using React, Node.js, and MongoDB with integrated GenAI APIs.
- Implemented AI-powered summarization and language translation features using Gemini, enabling users to convert notes into concise formats or other languages.
- Designed a responsive UI with Tailwind CSS and ensured seamless integration for note creation, editing, and AI-based actions.

Technical Skills

Languages:Java, JavaScript, SQL, Python(Basic)
Web Dev Tools/Frameworks/Libraries:React.js,HTML, CSS, Node.js(Intermediate)
Databases:MySQL, MongoDB
Tools and Technologies: CursorAI, GitHub, Postman

Achievements

- Secured **2nd Rank** in an Essay Writing Competition, showcasing strong writing skills and creative expression.
- Worked as a fundraiser at **Taare Zameen Foundation**, successfully engaging donors and generating financial support through outreach and campaign efforts.