

Pushkar Jadhav

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EDUCATION

B.Tech in Computer Science (GPA: 7.7)

2021 – 2025

MGM's Jawaharlal Nehru College of Engineering, Aurangabad, Maharashtra

WORK EXPERIENCE

Frontend Web Developer Intern

December 2024 - June 2025

Sort Solution

- 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.

Web Developer Intern

August 2023

Oasis Infobyte

- Built a personal portfolio and UI apps using HTML, CSS, and JavaScript.
- Created responsive designs including a landing page and temperature converter.
- Improved frontend skills in layout design, DOM manipulation, and cross-device responsiveness.
- Crafted a user-friendly interface that streamlined visitor interactions, contributing to a 10% uplift in conversion rates.
- Ensured cross-browser compatibility, which minimized user drop-off rates across multiple platforms by 12%.
- Employed HTML, CSS, and JavaScript to ensure precision in conversions, achieving a 95% user satisfaction rate based on feedback.

SKILLS

- **Languages:** Java, HTML, CSS, JavaScript
- **Database Technologies:** MySQL, MongoDB
- **Frameworks/Libraries:** React.js, Bootstrap
- **Version Control:** Git, GitHub, wireframe.cc, VS Code
- **Concepts:** Data Structures, Restful API Integration, responsive Design

PROJECTS

File Sharing Application (MERN Stack)

- 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% reduction in upload times.
- Utilized MongoDB to manage file metadata, ensuring fast access and improved data integrity, leading to a 45% increase in application reliability.
- Deployed the application with Amazon EC2.

Computer Vision Project: Air Canvas (OpenCV, Python)

- Crafted an interactive canvas for color detection in videos, allowing users to track colors through swipes with a detection accuracy of 90%.
- Enhanced video analysis by eliminating unwanted points from textures, improving data quality by 25%.
- Designed task-specific labels and stored position data, optimizing the system for future tasks and achieving a 40% efficiency boost.
- Applied advanced frame painting and masking techniques, significantly increasing the accuracy of color highlights in varying sensor conditions by 20%.

Mail Sending Application (Spring Boot)

- Created a mail-sending application using Spring Boot, enabling the dispatch of over 1,000 emails daily with attachments and templates.
- Leveraged JavaMailSender for email operations, enhancing delivery success rates to 95% through optimized SMTP configurations.
- Established REST endpoints for seamless email sending, resulting in a 50% increase in operational efficiency for email campaigns. Incorporated comprehensive error handling and logging, ensuring a 30% reduction in operational failures and boosting application reliability.