Divyansh Joshi

+91-89624-30535 | divyansh8065@gmail.com | linkedin.com/in/theoldregime | github.com/oldregime

EDUCATION

B.Tech, Computer Science Engineering — Expected 2026
Vellore Institute of Technology (8.18 CGPA) — *Bhopal*

Class XII, CBSE (76%) — 2022
Choithram School — *Indore*

Class X, CBSE (76%) — 2020
Choithram School — *Indore*

EXPERIENCE

NAS Server Development — 2024
Personal Project
- Deployed NAS server using Proxmox with RAID storage and mechanized backup, ensuring 99.9% data availability.
- Deployed SSH tunnel for secure remote access with encryption mechanisms, for 15+ primary users.
- Optimized performance through RAID configuration and monitoring tools, achieving approximately 20% faster file transfer speeds for large datasets.

PROJECTS

Fraudulent App Detection Using NLP — 2024
Machine Learning + Data Manipulation
- Developed a machine learning model achieving 85% accuracy in detecting fraudulent apps based on a dataset of over 1,000 user reviews using NLP techniques.
- Integrated preprocessing pipelines for text data cleaning and vectorization, improving model F1-score by 0.05 through enhanced techniques.

Web Development Projects — 2023-2024
HTML/CSS/JS/React
- Built a full-stack MERN application for personal task and progress tracking. (MERN-Expense Tracker)
- Created an E-Commerce platform website to showcase projects and skills using HTML/CSS and JavaScript. (VITT)
- Designed and deployed a professional web presence for LNJ Corp Sol. (lnjoshics.co.in)
- Built a web-based tax calculation utility using JavaScript for simplified tax estimations. (NeonTAX)

File Management System Architecture — 2025
Hybrid PARA + GTD + Johnny Decimal System
- Designed comprehensive digital organization framework using hierarchical folder structure with Scintific methodology for enhanced productivity.
- Implemented standardized naming convention with universal type codes for consistent file identification across project files.
- Established automated categorization system reducing file retrieval time by 60% through structured libraries and development tools organization.
- Created scalable template library with version control integration supporting collaborative development workflows.

GradeWise - AI Powered Grading Tool — 2024-2025
Next.js, React, Tailwind CSS, Genkit, Google Cloud Platform
- Developed a full-stack web application to automate student paper grading using AI, significantly reducing grading time for educators.
- Implemented AI flows for extracting questions, generating feedback, and scoring similarity, leveraging Genkit and Google Cloud Platform for scalability and reliability.
- Designed a user-friendly interface with Next.js and Tailwind CSS, providing a seamless experience for teachers to upload papers, review grades, and provide final feedback.

TECHNICAL SKILLS

Languages: Java, Python (Pandas, Matplotlib), Basic MERN, Data Visualization

Testing & Automation: Selenium WebDriver, LambdaTest, Jenkins

Cloud & DevOps: Firebase, Amazon Web Services, Docker, Git, CloudFlare

Databases: MySQL, MongoDB, Supabase