DEEPAK PASWAN

GitHub: Deepak Paswan-Github | **Portfolio:** Portfolio Website | **LinkedIn:** DeepakPaswan-LinkedIn
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EDUCATION

Indian Institute of Information Technology	Jabalpur, Madhya Pradesh, India
Bachelor of Technology - Electronics & Communication Engineering	December 2021 – May 2025

TECHNICAL SKILLS

- **Languages:** Python, Javascript, CSS, HTML
- **Frameworks:** Django, Langchain, ReactJS, NodeJS, ExpressJS
- **Databases:** MongoDB, Mysql
- **CourseWork:** Data Structures and Algorithms Analysis, Object Oriented Programming, Computer Network, Data Base Management System, Operating Systems

EXPERIENCE

Kidzure (Software Developer Intern)   January 2023 to February 2023

- Innovated prototypes for the e-learning platform's landing page using the **MERN** stack and engineered the website's internal architecture. Improved user experience and streamlined development processes.
- Spearheaded feature development and testing across departments, documenting solutions, and fostering continuous learning; achieved a **30%** increase in conversion rates and saved **15+** hours weekly through automation tools.

PROJECTS (Major to Minor)

PDF-AI(Link)   November 2024

- Engineered an AI-driven chat application using **Python and LangChain**, enabling question-and-answer interactions based on PDF content. Processed over **100** PDFs with **95%** accuracy, improving user accessibility to information and reducing search time by **70%.**
- Developed an intuitive user interface using **Streamlit** and integrated **LangChain** for natural language processing, enabling seamless querying of complex PDF documents and improving user satisfaction by **85%**.
- **Implemented GeminiApi** for fallback responses, reducing response time by **40%** and improving response generation efficiency.

INTERNSHIP-BOT (Link)   October 2023

- Developed an internship bot using **Node.js and JavaScript**, leveraging **Puppeteer** to autonomously apply to over **10** internships on **Internshala**, streamlining the application process for students and reducing repetitive task time by **80%.**
- Facilitated efficiency gains for college peers by providing a solution that **automated application submissions**, directly benefiting over **50** individuals within the academic community.

JOB PORTAL (Link)   November 2023

- Designed and directed a **full-stack** job application portal with **React.js** for the front-end and **RESTful APIs**, enabling seamless interaction for over **1,000** job postings.
- Built a web Built a web **scraper** that extracted and processed data from **50+** external websites, storing it efficiently in a **SQL database**.
- Optimized the connection between web **scrapers** and a centralized **SQL** database by streamlining **API calls**; reduced server load time by up to **300** milliseconds per transaction while maintaining robust data accuracy across applications.

ACHIEVEMENTS

- Secured a **Top 50** position in CodeRush Coding Challenge
- Completed over **700** questions on platforms such as LeetCode, GeeksforGeeks.**Leetcode:**Leetcode-Link
- Secured top placement as one of only **ten finalists** in Campovation at IIITDM Jabalpur after tackling complex algorithm challenges
- **Won** the inter **IIIT sports Competition** (**Football captain**) - 2023
- Secured **2nd** Position at Varchas (IIT Jodhpur) in Football.