PIYUSH RAJPUT

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https://portfolio-46tf.vercel.app/

PROFESSIONAL SUMMARY

Motivated Computer Science Engineering student with proven experience in **engineering full-stack applications**, **optimizing databases**, and **leveraging cloud technologies**. Proficient in **MERN, JavaScript, Python and C++**. Demonstrates strong problem-solving capabilities with a track record of **crafting scalable and intuitive user-centric platforms.**

EDUCATION

INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY
Indore, MP

Bachelor of Engineering in Computer Science & Engineering
CGPA: 7.33; SGPA:7.92
May , 2026

ANNIE BESANT SCHOOL
April, 2021

PCM (Percentage:80.2 %)

WORK EXPERIENCE

Full Stack Web Development Intern

Param Info Society of I.T Services — Jan 2025 – May 2025

- Engineered and optimized web applications using the **MERN stack**.
- Structured and managed databases with **MongoDB and SQL**, ensuring data integrity.
- Leveraged **Git/GitHub** for version control; collaborated in an Agile environment.
- Orchestrated **API integrations** and deployed fully functional, responsive full-stack projects.

SKILLS

- **Programming & Web Development:** Python, C++, HTML, CSS, JavaScript, TypeScript, React.js, Node.js, Express.js.
- **Databases & Backend**: MySQL, PostgreSQL, MongoDB, Redis, GraphQL, AWS, REST, JWT/OAuth.
- **Cloud & DevOps** : AWS (EC2, S3, Lambda), Vercel, Netlify, Docker.
- **Version Control :** Git, GitHub, Agile workflow.
- **Soft Skills** : Effective Communication, Collaboration, Adaptability, Problem Solving.

PROJECTS

Sommaire : AI-Powered PDF to Summary Application
May, 2025

- Developed a high-performance web interface using **Next.js,Tailwind CSS, and shadcn/ui**, delivering a seamless document summarization experience with zero reported UI/UX issues post-launch.
- Integrated secure file upload via Multer and deployed **Langchain and Gemini AI** to generate concise, context-aware summaries, reducing user reading time by up to 70%.
- Enabled exportable summaries in **PDF and DOCX** formats, enhancing usability across academic and professional workflows.
  Link: https://sommaire-alpha.vercel.app/

AccessEdu: Inclusive E-Learning Platform for All Abilities
Nov 2024

- An inclusive e-learning platform (**MERN stack**) supporting 100% WCAG 2.1 accessibility compliance with features like screen reader support, keyboard-only navigation, captions, and sign language overlays.
- Improved security by implementing **JWT + bcrypt**, reducing unauthorized access attempts by 99%. Enabled adaptive learning for 3 user roles (learners, educators, institutions) with accessible certifications and progress tracking..
  Link: https://github.com/piyushh2304/accessEdu

ACHIEVEMENTS AND CERTIFICATIONS

- C/C++ Certificate (Programming World by Pankaj Wadhwani) — Sep 2022
- Amazon Academy Graduate (AWS) — Aug 2024
- SQL AND RELATIONAL DATABASES 101(Cognitive Class AI) — Nov 2024
- MERN STACK(30dayscoding) — Mar 2025
- Introduction To software Engineering(Coursera) — May 2025
- Hackathon Finalist – Spearheaded a team of 4 to the final round of an internal hackathon.
- Leetcode- Resolved 150+ DSA problems, showcasing strong algorithmic and analytical thinking.