KANISHKA PANWAR

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OBJECTIVE

Front-End Developer with expertise in React, JavaScript, and Next.js, passionate about building innovative web solutions. Strong background in Data Structures and Algorithms, with experience in optimizing Web performance and developing AI/NLP applications.

EDUCATION

Bachelor of Technology in Computer Science, Medi-Caps University — Aug 2022 – Present
GPA: 8.56

SKILLS

Front-End: React.js, Next.js, HTML, CSS, TypeScript, Vite, EJS **Languages:** JavaScript, C++, Python
Tools: Git, API Integration, Chrome Extensions, Three.js, SQL, OpenCV, TensorFlow
AI/NLP: RAG, LLMs, BioGPT, BioBERT, BM25, FAISS, Elasticsearch

EXPERIENCE

Front-End Developer Intern, Unified Mentor — Apr 2025 – Jun 2025

- Built E-Services for Gram Panchayat to digitize local government schemes.
- Increased Lighthouse metrics by 35% by streamlining CSS in a React project.

Research Intern, MANIT Bhopal — Jun 2025 – Present

- Developing a multi-component RAG framework using BM25, BioBERT, and BioGPT for biomedical QA.
- Optimizing retrieval performance and accuracy over PubMed datasets.

Research Intern, IIIT Nagpur — Jun 2025 – Present

- Leveraging ML/DL on biomedical signals for BCI and bioinformatics.
- Building predictive models on EEG/genomic data for diagnostics.

PROJECTS

Chrome Extension *[git repo]* — Oct 2024 – Nov 2024

- Built using TypeScript and Vite in 48 hours; enables dark-mode toggle for eye comfort.

School Website *[git repo]* — Feb 2025 – Mar 2025

- Responsive multi-page site emulating a real school portal; clean UI with HTML/CSS.

AttendEase – Automated Class Attendance Tool *[git repo]* — May 2025

- Automates class join links from CSV timetable using Python; Tkinter GUI and SMTP reminders.

CERTIFICATIONS & ACHIEVEMENTS

- Front-End Web Developer, Infosys *[certificate]* — Apr 2025
- CodeChef 3-Star with highest rating of 1666
- Solved 200+ DSA problems across competitive platforms