

# KUNAL PANDEY

**Full-Stack Developer | Focused on AI-Powered Apps**

**Email:** kunal.pandey.work@outlook.com | **Phone:** (647) 451-0445

**LinkedIn:** linkedin.com/in/kunal-pandey25 | **Portfolio:** portfolio-pandey-kunal.vercel.app/

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## TECHNICAL SKILLS

**Languages & Frameworks:** JavaScript, TypeScript, HTML, CSS, React.js, Next.js, Tailwind CSS, Bootstrap, Node.js, Python

**Tools & Technologies:** Git, GitHub, VS Code, Redux, REST APIs, CVAT, Label box, LLMs

**DevOps & Tools:** CI/CD Pipelines, Docker, Bash Scripting, REST APIs, Azure, Kubernetes

**Additional Skills:** Responsive Design, Performance Optimization, SEO Best Practices, Prompt Writing

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## PROFESSIONAL EXPERIENCE

**Freelance Tech Consultant (AI & Web Projects) | Remote** (October 2023 -Present)

- Worked on AI-related microtasks including data labeling, transcription, and content organization, supporting datasets used for training machine learning models
  - Used platforms such as Label box, CVAT, and custom annotation tools to prepare high-quality training data for NLP and computer vision models.
  - Contributed to language model evaluation by comparing and rating AI-generated outputs for clarity, relevance, and accuracy
  - Built and maintained front-end components using React, Tailwind CSS, and APIs to support demo applications and user interfaces.
  - Strengthened understanding of how structured data pipelines support AI model training and deployment in real-world scenarios.
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## PROJECTS

### Photo Editor Web App | (AI-Powered Image Editing Platform)

Built a browser-based photo editor with layer-based canvas, image cropping, adjustment tools, and AI-powered background generation. The app uses Fabric.js for canvas operations and integrates AI models for dynamic background removal and replacement.

**Key Features:** Background removal/replacement, crop and resize, exposure/saturation adjustment, undo/redo, project saving.

**Technologies:** Next.js, React, Tailwind CSS, Node.js, Fabric.js, ImageKit.io, Clerk, Convex

### Netflix-GPT | (AI-Powered Movie Recommendation App)

Developed an AI-driven movie platform using React, Redux, and Tailwind CSS. Integrated Open AI-GPT and TMDB API for personalized recommendations.

**Key Features:** AI-powered search, intelligent movie recommendations, dynamic UI updates.

**Technologies:** React, Redux, Tailwind CSS, Open AI-GPT , TMDB API

## YouTube Clone | (Video Streaming Platform)

Built a YouTube-inspired video streaming application that allows users to search, view, and explore videos in a responsive interface. The app integrates the YouTube API to fetch real-time video content and provides an optimized layout for seamless playback.

**Key Features:** Real-time video search, responsive video grid, embedded video player.

**Technologies:** React, Tailwind CSS, YouTube API

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## EDUCATION

**Cambrian College**

**Ontario**

*Post Graduate Diploma - Cloud Computing – GPA: 4.0/4.0*

**Manipal University**

**India**

*Bachelor of Technology – GPA: 3.4/4.0*