

Prarthan Agarwal

FULL STACK DEVELOPER

✉ prarthanagarwaljeen@gmail.com

☎ +91-8000413753

🌐 personal-portfolio

PERSONAL PROJECTS

F.R.I.D.A.Y. [🔗](#)

An open-source, next-generation AI-driven virtual assistant inspired by Tony Stark's Jarvis.

- Leveraged Python and advanced natural language processing (NLP) to enable real-time voice recognition and adaptive task automation.
- Focused on local data processing to ensure privacy, user control, and seamless offline functionality.
- Implemented dynamic and responsive interfaces to enhance interactivity and user experience.
- Currently in development with a vision to redefine personal AI assistants through accessible, open-source innovation.

YouTube Detoxifyr [🔗](#)

A browser extension to promote digital well-being and combat online toxicity.

- Utilizes advanced JavaScript and browser APIs for real-time filtering of harmful and toxic content.
- Designed with a user-centric focus to enhance mental health, foster productivity, and create a safer online experience.
- Open-source and privacy-first, empowering users to take control of their digital environments.
- Currently in active development, redefining content moderation with accessibility and ease of use in mind.

Game Bar

- Spearheaded the creation of a multi-game platform featuring "Flappy Bird," "Pong," and "Snake Game," leveraging Python and Pygame libraries.
- Focused on robust game mechanics and cross-functional integration to maximize user engagement.
- Delivered an immersive gaming experience through systematic debugging and iterative enhancements.

Netflix Stock Predictor

- Formulated a predictive analytics model using R, incorporating statistical methodologies and data visualization tools.
- Delivered actionable insights through comprehensive trend analyses, graphical visualizations, and probabilistic forecasts.

WORK EXPERIENCE

Self Employed

Freelancer

2020 - Present

- Collaborated with multiple clients to deliver high-quality creative solutions across various domains.
- **Video Editing:** Produced and edited engaging videos tailored to client needs, utilizing advanced editing tools and storytelling techniques.
- **Logo Design:** Designed unique, brand-aligned logos to enhance client identity and market presence.
- **Product Design:** Conceptualized and created innovative product designs, focusing on user experience and aesthetic appeal.
- **Merch Design:** Developed merchandise designs for diverse audiences, ensuring creativity, functionality, and marketability.
- Demonstrated adaptability, meeting tight deadlines while exceeding client expectations through effective communication and attention to detail.

JustAI.in

Web Developer

April 2024 - June 2024

- **Website Redesign:** Revamped JustAI.in’s website to improve usability, aesthetics, and alignment with its mission of publishing blogs on AI laws.
- **Custom Chatbot Development:** Built a custom-trained chatbot for real-time answers based on website content, enhancing user engagement and accessibility.
- Collaborated closely with the clients to tailor the design and functionality to meet the company’s unique requirements.

FIFO UK

Product R&D Head

Feb 2022 - March 2022

- Designed webpage layout and styling for the MymeFresh air fresheners’ product line.
- Created digital assets and product designs to enhance the brand’s market presence.
- Developed user-friendly product guides, combining technical clarity with aesthetic appeal.

SKILLS

Programming Languages: Python, JavaScript, TypeScript, SQL
Frameworks & Tools: MERN Stack, Django, Pygame, Git/GitHub
Specialized Skills: API Integration, Debugging, Server Management, Real-Time Voice Recognition
Creative Tools: Adobe Photoshop, Illustrator, Premiere Pro.
Core Competencies: Strategic Problem Solving, Process Optimization, Agile Development, Intuitive User-Centered Design
Personal Qualities: Resilient, Highly Communicative, Intuitive Thinker, Open-Source Advocate

EDUCATION

SRM University

Bachelor of Technology (B. Tech)

2021 - 2025