

GRENISH RAI

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SUMMARY

I'm a full stack web developer and UI/UX designer with over 4 years of experience working on real-world projects. I focus on building reliable web applications that are both functional and easy to use. My work involves everything from designing clean user interfaces to developing and maintaining backend systems. I also contribute to open-source projects in my free time, both to improve my skills and to support the developer community.

EXPERIENCE

Full Stack Developer

Freelance Developer

December 2024 - Present, India

- Build and reuse components across projects; set up automated tests to streamline deployment and keep things consistent.
- Create web applications tailored to client needs, with responsive layouts and scalable backends.
- Connect apps to external services and payment systems while ensuring data safety and meeting security standards.

PROJECT

create-fullstack-app

create-fullstack-app • github.com/Grenish/create-fullstack-app • December 2024 - Present

- Currently developing a CLI tool to generate customizable, production-ready templates for full-stack applications based on selected tech stacks.
- Aims to streamline project setup by providing pre-configured structures and essential dependencies for rapid development.

Detoxify

Detoxify • github.com/grenish/detoxify/ • November 2024 - Present

- Developed a browser extension to deliver a clean and curated content feed for users by customizing the user interface and filtering unwanted elements.
- Utilized HTML, CSS, and JavaScript to implement core functionalities and maintain cross-browser compatibility.
- Integrated content filtering algorithms into Detoxify, elevating user experience by blocking distracting web elements and ensuring seamless performance across major browsers.

Make Sam Happy

Make Sam Happy • make-sam-happy.vercel.app/ • February 2025 - April 2025

- Developed Make Sam Happy, an interactive AI-driven game centered around consoling Sam, a character experiencing deep emotional struggles.
- Implemented dynamic emotion handling, allowing Sam to shift between six emotional states-happy, sad, smirk, doubtful, emotionless, and angry-based on player interactions.

Ollama WebUI

Ollama WebUI • github.com/Grenish/ollama-webui • June 2024 - January 2025

- Built an open-source local LLM chat interface designed specifically for interacting with Ollama models.
- Developed the frontend using React.js, focusing on performance, usability, and seamless model communication.
- Engineered backend integration to facilitate efficient model loading, dynamic context management, and real-time inference, elevating user flexibility and optimizing overall application responsiveness.

SKILLS

Programming : Javascript, TypeScript, Python, Express.js, Node.js, Rust, Machine Learning

Frameworks: ReactJS, Next.js

Design: Figma

Version Control: Git, GitHub, GitLab

Containerization: Docker, Docker Compose

Languages: English, Hindi, Nepali

EDUCATION

Bachelor of Computer Applications

Minor in Computer Applications • Sikkim Manipal Institute of Technology • Majitar, Sikkim, India • 2025

- Gained foundational knowledge in data structures, algorithms, databases, web development, and software engineering.
- Worked on personal projects during academic year involving full-stack development, UI/UX design, and basic implementation of AI/ML concepts.

High School

Minor in Biology • Kendriya Vidyalaya Bengdubi • Bengdubi, India • 2022

- Completed higher secondary education from Kendriya Vidyalaya, Bengdubi in 2022 under the CBSE board.
 - Choose Bio Science as the major stream, covering subjects like Biology, Chemistry, Physics, and English.
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CERTIFICATIONS

Problem Solving (Basic)

HackerRank • 2024

Dark Pattern Buster Hackathon

DPBH • 2024

Python (Basic)

HackerRank • 2023

AWARDS & HONORS

Web Building Competition

Sikkim Manipal Institute of Technology (SMIT) • 2024

- Secured 1st position in a web page development competition organized during TechFest at Sikkim Manipal Institute of Technology (SMIT).
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