Pranal Siripurapu

Computer Science Major

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Education

University of Pittsburgh - School of Computing and Information   **August 2025 - Present**
Bachelors of Science in Computer Science

Experience

Vercible   **June 2024 - August 2024**
AI/ML Intern   Sammamish, WA

- Built a functioning Chatbot application using the GPT3.5 Turbo model that matched students to internships and camps from a custom database of 700 opportunities. Matched based on location, major, GPA, interest and pay/cost

Volunteer Experience

Redmond City Hall   **July 2022** | **Eastlake High School**   **November 2022**
Volunteer   Redmond, WA | Volunteer   Sammamish, WA

- Assisted 30+ attendees, managed 20+ stalls, and supported operations during Derby Days
- Organized raffle event, set up 30+ market stalls, and promoted event across Sammamish using yard signs

Projects

Portfolio Website   **August 2025** | **Interactive Route Planner**   **September 2025**
🔗 https://pranalsiripurapu.com/ | 🔗 https://github.com/Shinrinyoku-Pranal/Route-maps

- Built a reactive Portfolio Website using HTML & CSS. Hosted on Cloudflare Workers
- An interactive web app for planning routes. Built using HTML, CSS, JS, Leaflet.js, and Carto Voyager tiles, it features a responsive, modern UI with searchable From/To inputs, live suggestions, a My Location button, and clickable map elements. Hosted on Cloudflare Pages,

QR Code Generating Website   **September 2025** | **Youtube Transcript Tool**   **August 2025**
🔗 https://qrstudio.pages.dev/ | 🔗 https://github.com/Shinrinyoku-Pranal/Youtube-Transcript-Tool

- Built a QR Code Generator Website that generates a downloadable QR Code if you enter any text or link. Built using HTML, CSS, & JS with the QRCode.js Library. Hosted on Cloudflare Pages
- A Python tool that downloads YouTube audio using yt-dlp, converts audio to mp3 using ffmpeg, and transcribes it to text using OpenAI Whisper. Works with any video, even if captions are unavailable

RAG Chatbot   **September 2025** | **Stress Relief Game**   **September 2025**
                                                                          | 🔗 https://georelax.pages.dev/

- Built a Retrieval-Augmented Generation (RAG) chatbot using Hugging Face and the Genma3 model, using documents such as the Constitution of the United States, the Bill of Rights, Civil Rights Acts (1964, 1968, Voting Rights act of 1965)
- An interactive stress relief game built with HTML, CSS, & JS using the Three.js Library. Hosted on Cloudflare Pages

Terminal Chatbot   **August 2025** | **AI Music Artist**   **August 2025**
🔗 https://github.com/Shinrinyoku-Pranal/Terminal-Chatbot | 🔗 https://open.spotify.com/artist/2aDXfGkd7DBcHxbo10kwTD

- Built a chatbot that can be run in a terminal using Ollama LLM and model llama3.1
- Produced and released 2 AI-Generated Songs using Sonauto and arranged using WavePad across 26 platforms (Including Spotify, Amazon Music, Youtube Music, Pandora). Published with DistroKid

KDP Publisher   **June 2025**
🔗 https://a.co/d/eDL2VLq

- Designed lined journals covers on Canva and published journals on Amazon KDP

Certifications

Microsoft Office Associate (Word, Excel, Powerpoint)   **December 6th, 2024**
Microsoft
🔗 https://www.credly.com/badges/933bfabe-e470-4d1e-8b0e-cb08f6632a9f/public_url

Google AI Essentials   **April 30th, 2024**
Google
🔗 https://coursera.org/share/5c020a805c9135fb08b673ffb36528fe

Foundations of UX Design   **July 5th, 2024**
Google
🔗 https://coursera.org/share/1fa7f063fa7f08d6b7548b3fabf1dd2b

Awards

Quad Winner x3
Chess4Life

- Won the Chess4Life Quad award on 3 different occasions (04/19/2024, 04/05/2024, 03/22/2024).

Languages

Telugu	**English**	**Hindi**
Native	Fluent	Proficient
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