JACK WAGHAN A S

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GitHub ◇ LinkedIn ◇ Portfolio

OBJECTIVE

I am a dedicated and enthusiastic student specializing in Artificial Intelligence and Machine Learning. I am passionate about coding and software development, and I enjoy exploring and understanding a wide range of technologies. I am eager to apply my skills and knowledge to real-world challenges and contribute to innovative projects.

EDUCATION

B.Tech CSE (AIML) – SRM Institute of Science and Technology   2022 - 2026   CGPA - 7.78

SKILLS

Languages	HTML / CSS, JavaScript, Python, C, Java, SQL, React.js
Frameworks	TypeScript, Next.js, Express.js, Tailwind CSS, Hono, FastAPI
Dev Tools	VS Code, Node.js, Bun, Cloudflare Workers, Git, GitHub, Supabase

PROJECTS

- **Chatty AI** – (**Next.js, TypeScript, Gemini API**)
  - Built with Next.js and TypeScript for optimized performance and maintainability.
  - Streams AI-generated content in real time via the Gemini API.
  - Ensures a smooth, uninterrupted user experience with minimal latency.

- **Telegram Multi Bot** – (**Python, Telegram API**)
  - Provides tools like AI Writer, Text to Speech, Web Capture, URL Shortener, Encryption/Decryption, Speech to Text, and Web Scraping.
  - Offers a wide range of functionalities to enhance the user experience.
  - AI Writer generates creative content using the GPT-3 model.

- **Cost-Optimized ChatGPT Access** – (**Python, OpenAI API**)
  - Implements a paraphrasing algorithm to shorten the prompts before sending them to Chat-GPT.
  - Reduces API usage costs while maintaining response accuracy.
  - Enables AI-powered services at a significantly lower price point.

CERTIFICATES

- **Oracle Cloud Infrastructure**
- **MATLAB Onramp**
- **Image Processing Onramp**
- **Machine Learning (IIT Roorkee)**
- **Power BI (TNX)**
- **AWS Academy Machine Learning**
- **Foundations of Data**