Manish Tirkey

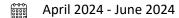
Software Developer



Software developer skilled with experience in scalable desktop apps. Passionate about AI and hands-on with models like LLaMA 3.2B, Ollama, Whisper, and DeepSpeech. Familiar with STT/TTS, function calling, and structured output—driven to build impactful solutions.

INTERNSHIP EXPERIENCE

Web Developer - OctaNet OctaNet



- Worked as a Web Developer at OctaNet.
- Gained hands-on experience with HTML, CSS, JavaScript, and Node.js for building responsive front- and back-end solutions.
- Developed a To-Do app for task management and a game landing page showcasing creative UI design.

Python Developer - LifeTech Software

LifeTech Software

- July 2021 Aug 2021
 - Worked as a Python Developer at LifeTech Software.
 - Applied Python, NumPy, and Pandas for efficient data manipulation and ML workflow implementation.
 - Built interactive desktop apps with Tkinter, enhancing data interaction.
 - Utilized tools: OpenCV, NumPy, Pandas, Matplotlib.

PERSONAL PROJECTS

AI Desktop Application

- takes ScreenShot and Finds the Optimal Solution by Finding The Structured Problem Statements from Screenshot
- Technologies used Electron.js, Whisper model, OpenAI API for 4o-GPT and o3.

Password Manager

- · Cross-platform desktop application.
- End-to-end encryption with AES-256-CBC.
- Technologies used Electron.js, MongoDB.

SKILLS

Programming Languages:

- C/CPP , Python (Advanced),
 Java(Intermediate), JavaScript(Intermediate).
- OOPs, DSA.

Web Development:

 HTML5/CSS, Tailwind, Node.js, React, Next.js, Electron.js.

Database Management:

• MySQL (intermediate), MongoDB.

Tools & Technologies:

· Git/GitHub, Linux, Docker, API.

EDUCATION

Master of Computer Applications

Dr. Shyama Prasad Mukherjee University

Sept 2022 - July 2024 Ranchi, Jharkhand

Bachelor of Computer Applications

Dr. Shyama Prasad Mukherjee University

Sept 2019 - July 2022 Ranchi, Jharkhand

PASSION

- Sports: Football and badminton.
- Interests: IoT devices (Raspberry Pi as a local server, Arduino), and learning new technologies.
- Tech: Voice-Agents, Speech-to-text, LLM, Text-to-speech from <u>DeepLearning.ai</u>