

Arkodeep Chatterjee

Co-Founder of NexaWings

B.Tech - CSE(AI)

Institute of Engineering and Management

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🐙 GitHub

🌐 LinkedIn

EDUCATION

- **Institute of Engineering and Management, Kolkata** 2022-26
Bachelor of Technology in Computer Science and Engineering (Artificial Intelligence) CGPA: 8.88
- **Bhavans Gangabux Kanoria Vidyamandir, Kolkata** 2022
AISSCE CLASS 12 (Science) Percentage: 86.2
- **Bhavans Gangabux Kanoria Vidyamandir, Kolkata** 2020
AISSE CLASS 10 Percentage: 89.6

PORTFOLIO PROJECTS

- **Blockchain Bricks**
Implemented Blockchain based NFT system for real estate deeds, enhancing transparency and security in transactions.
 - Revolutionized real estate with blockchain, transforming dreams into reality. Pioneered NFT-based property deeds on our cutting-edge platform.
 - Introduced groundbreaking era in real estate using NFTs for ownership representation. Disrupted traditional barriers, enabling secure and accessible property investment for all.
 - Technology Used: JavaScript, React JS, Express, Node JS, Solidity, Hardhat, MetaMask
- **Closet Tech**
Elevated personalized shopping at ClosetTech, a virtual try-on service for a seamless dressing room experience at your home.
 - Revolutionized online clothing shopping with a next-gen try-on service. Delivered precise fit analysis, lifelike style visualization, and boosted customer confidence.
 - Bridged online-physical shopping gap, empowering customers to confidently choose garments aligned with their style and body shape. Elevated satisfaction and drove increased sales for retailers.
 - Technology Used: Python, Transformers, TensorFlow, PyTorch, Stable Diffusion, LoRA
- **Lawyer GPT**
Leveraged AI to optimize lawyers' time, facilitating increased client interaction and satisfaction.
 - Trained AI model on existing contracts, enabling single prompt generation of personalized new contracts in your distinct style.
 - Empowered legal processes with an AI model possessing profound knowledge of laws and past cases. Accelerated legal research by swiftly identifying similar past cases based on provided case descriptions.
 - Technology Used: Python, LangChain, OpenAI, FAISS, ChromaDB, Gradio
- **Medical Bot**
Led the revolution at goCPT, pioneering change in the medical coding and billing landscape.
 - Engineered user-friendly CPT code determination feature at goCPT app. Streamlined process: input total patient encounter time, and the app generates the relevant CPT code.
 - Developed goCPT app's Medical Complexity Assessment, utilizing detailed Medical Decision-Making (MDM) evaluation for varying encounter complexities.
 - Technology Used: Python, Flask, Bubble, Azure, ChatGPT

EXPERIENCE

- **Full Stack Developer** February 2023 - Present
IEM IEDC ECE Lab Offline
 - Backend Development using Express and Node JS
 - Database - MongoDB
 - Frontend Development using React JS and Recoil
 - CSS using Tailwind, Input Validation Using Zod
 - Containerization using Docker, Deployment using AWS
- **CTO** November 2023 - Present
NexaWings International Software Solutions Offline
 - AI Automation Services using Python, LangChain, Flowise, Botpress, Gradio
 - Research and Development of important technology to implement in the organization
 - Development of Technical Vision for NexaWings, aligning with the overarching product vision