Subhadip Jana

Computer Science & AI Student | Full-Stack Developer

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TECHNICAL SKILLS

Programming: C, JavaScript/TypeScript, Python
FullStack Development: NodeJs, Express, MERN Stack
Cloud: Amazon AWS, GCP
Data Analytics: Pandas, NumPy, Knime

AI/ML Framework: Dagshub, langchain, MCP, CrewAI
Miscellaneous: Blockchain, Web3, Computer Vision, Arduino

EDUCATION

Bachelor of Technology in Computer Science & Artificial Intelligence	**2022 – 2026**
Budge Budge Institute of Technology, MAKAUT	CGPA: 7.5/10
Higher Secondary (Class XII)	**2022**
Krishnaganj Krishilpa Vidyalaya, WBCHSE	84%
Secondary (Class X)	**2020**
Krishnaganj Krishilpa Vidyalaya, WBBSE	77.4%

PROJECT WORK

Stukey - Blockchain Identity Verification Platform   Live Demo
Web3, Blockchain
- Developed a decentralized platform enabling secure student identity verification using blockchain technology
- Implemented privacy-preserving mechanisms that authenticate student credentials without exposing sensitive personal data
- Addressed critical privacy concerns in educational verification systems with robust cryptographic protocols

EnrollMatrix - E-Learning Management System   Live Demo
ReactJS, Node.js, MongoDB
- Built a comprehensive web-based student enrollment management system with administrative dashboards
- Implemented automated enrollment workflows and real-time data management capabilities
- Streamlined enrollment processes for educational institutions with intuitive user interfaces and robust backend architecture

Weather MCP Server
MCP Protocol, APIs
- Created a Model Context Protocol server enabling Large Language Models to access real-time weather forecasting data
- Designed RESTful API endpoints with comprehensive error handling and data validation

Snail - Cryptocurrency Wallet Generator
Web3, Ethereum, Solana
- Developed a secure web-based wallet creation tool supporting both Ethereum and Solana networks
- Implemented cryptographic key generation with industry-standard security protocols
- Enabled users to create and manage multi-chain cryptocurrency wallets through an intuitive interface

Smartphone Info CLI Tool
Python, CLI Development
- Built a command-line application providing comprehensive mobile device specifications and technical details
- Integrated multiple data sources to deliver accurate hardware information with efficient data processing

ADDITIONAL INFORMATION

Languages: Bengali (Native), Hindi (Native), English (Proficient)

Interests: Software Development, Machine Learning, Blockchain Technology, Electronics, Fitness