Chiranjeet Mishra

+91-890-598-1880 | chiranjeetmishra13@gmail.com | [LinkedIn](#) | [Github](#)

SUMMARY

AI Engineer and Systems Architect from Rourkela with leadership experience designing scalable platforms. Passionate about solving real-world problems through data science, AI, and BCI. Values collaborative problem-solving and thrives on exploring new ideas to tackle complex challenges.

EXPERIENCE

AI Engineer — Jan 2025 – Present
Nurture Beast, Remote
- Built automation workflows using n8n integrating GoHighLevel APIs reducing manual workload by 75%.
- Developed AI solutions for social media content creation generating 85% higher engagement rates.
- Implemented multi-tenancy and RBAC frameworks serving 50+ organizations with secure data isolation.

Freelance AI Developer — March 2025 – Present
Dentensur (Dental Insurance Platform), Remote
- Built dental insurance verification platform using FastAPI, PostgreSQL, React/TypeScript serving 200+ practices.
- Developed insurance analysis system with Smart Summary generation parsing 20+ procedure categories.
- Deployed SaaS infrastructure using Docker, Nginx, Traefik with multi-tenant organization management.

Data Analyst Intern — May 2024 – Dec. 2024
430am Analytics, Remote
- Aggregated stock prices via GoogleFinance API analyzing 500+ securities daily using Pandas and Matplotlib.
- Deployed Gradio application on Linux VPS with real-time market visualization for client portfolios.
- Built web scraping scripts for financial news using Selenium extracting 1000+ articles daily.

AI Engineer & Developer — May 2024 – Dec. 2024
Ellipsis Health, Remote
- Implemented prompt engineering for voice assistants, ensuring HIPAA-compliant interactions with high accuracy.
- Integrated Trieve knowledge base with semantic search improving retrieval accuracy by 40%.
- Developed 2 QA automation tools reducing testing time by 60% through automated pipelines.

Co-Founder & Lead Developer — Apr. 2024 – Feb. 2025
Lawyerr.ai, Hybrid
- Led team of 15+ developers building Legal AI platform cutting operational costs by 90%.
- Designed Event-Driven Microservice Architecture using BullMQ, Redis, PostgreSQL handling 10,000+ requests.
- Implemented Agentic Framework using LangChain achieving 94% accuracy in legal document analysis.

EDUCATION

Indian Institute of Technology Kharagpur — Kharagpur, West Bengal
B.Tech. in Manufacturing and Sciences Engineering (CGPA: 9.59/10) — Dec. 2021 – Apr 2025

PROJECTS

Distributed Brain-Inspired AI Network (DBIAS) — Apr. 2025
Open Source Research Project
- Developed theoretical framework for distributed AI system inspired by biological neural networks.
- Implemented mathematical models for node communication using biological signal patterns and graph topology.
- Created research documentation with live demo at the-thought-magician.github.io/AIresearch.

AI Trading Bot — Sep. 2024
Personal Project
- Built trading system using simple moving averages and RSI indicators backtested over 6 months.
- Implemented basic risk management with stop-loss orders and position sizing based on portfolio percentage.
- Integrated news sentiment analysis using TextBlob for market signal generation and timing.

TECHNICAL SKILLS

Languages: Python, C/C++, HTML/CSS, TypeScript, JavaScript, Golang, SQL
Frameworks: FastAPI, React.js, Flask, Next.js, LangChain, n8n, Gradio, Kubernetes, Nginx
DevOps & CI/CD: Docker, GitHub Actions, , Prometheus, Grafana, Traefik
AI/ML Libraries: Azure OpenAI, Anthropic, Whisper, OpenCV, Scikit-learn, Pandas, NumPy, Matplotlib
Cloud & APIs: Microsoft Azure, Google Cloud Platform, GoHighLevel, DentalXChange, IntakeQ, AWS
Databases: PostgreSQL, Redis, MongoDB, Vector Stores (Pinecone, Trieve), BullMQ