

CHITTARANJAN SAHOO

India | chittaedu18@gmail.com | 9124435510 | chittaranjans.app | linkedin.com/in/chittaranjan18
github.com/chittaranjans

Profile Summary

Innovative full-stack AI engineer specializing in designing scalable applications and developing complex data pipelines for real-world impact. Proficient in both backend and frontend development, with hands-on experience across job search, fintech, and process automation domains. Adept at integrating advanced AI technologies and multi-agent systems into robust web platforms.

Technologies

Skills: •Python •JavaScript •TypeScript •Nodejs •Go •NextJs •ReactJs •Flask •FastAPI •RestAPI •Redux

Technologies: •Large Language Models(LLM) •MCP •Natural Language Processing(NLP) •Multi-Agentic Systems •Langchain •RAG •Embedding •Fine-tuning •HuggingFace •Ollama •VectorDB •Supabase •Git •Docker •Redis •MongoDB •PostgreSQL •MySQL •Web Scraping •UI/UX(Design) •Linux •Kubernetes •AWS •GCP •CI/CD •Jenkin •GitAction •Nginx •Apache

Soft Skills: •Code Analysis •Problem Solving •Cloud computing •Learning •Consulting •Website Development •Technical Research •Language: English, Hindi

Experience

PayLegit, Lead AI/ML Engineer, Remote

Oct 2025 – Present

- Architected a multi-tenant SaaS risk management platform serving 10,000+ concurrent merchants. Designed and managed large-scale cloud infrastructure and multi-server configurations, ensuring high availability and uptime for production systems.
- Engineered high-throughput web scrapers (Go/Python) and NLP pipelines utilizing local LLMs (Ollama, Gemma, Mistral) to automate Merchant Category Code (MCC) classification and BRAM/VIRP regulatory enforcement.
- Improved the delivery of microservices and complex AI models by building container-based CI/CD deployment pipelines. Automated the provisioning and scaling of resources to handle bulk concurrent processing.
- Built an automated financial document analysis system to extract key metrics (EBITDA) for credit limits, and developed threat intelligence modules to monitor web traffic, ad networks, and social media for fraud.
- Enforced strict platform security and isolated tenant environments. Handled core cloud network administration, including DNS management, subnetting, and secure server routing.

Joblo.ai, Full-Stack AI Engineer, Remote

March 2025 – Dec 2025

- Built and maintained scalable data pipelines to scrape, filter, deduplicate and structure job and company data from platforms like LinkedIn, Naukri, Glassdoor, AmbitionBox, Crunchbase, and Indeed, handling 100k+ job listings daily with growth optimization.
- Developed end-to-end workflows for efficient collection, filtering, validation, and structuring of job and company data.
- Created a matching engine and filtering system to align job listings with candidate profiles based on skills and relevance, enhancing recommendation accuracy.
- Designed and implemented an Agentic System chatbot for personalized job search, filtering, and recommendations.
- Developed AutoApply and bulk apply features to automate job applications, significantly improving user experience and application speed.

DiggiGrowth, Full-Stack Engineer, Remote

Jan 2025 – Sep 2025

- Led backend development for a fintech insurance project using Node.js, building scalable and optimized APIs processing real-time data streams from Vtiger CRM with 10k+ users.
- Designed middleware database to ensure system resilience and data consistency during CRM outages, preventing application downtime.
- Developed a comprehensive web admin console that allows marketing executives to manage users, deploy insurance offers, schedule appointments, and handle service tickets.
- Managed deployment architecture and ensured smooth release of backend and admin frontend across multiple environments.

Xzect Lab, Full-Stack Developer , Remote

Sept 2023 – Aug 2024

- Worked on diverse client projects including e-Commerce and branding websites, delivering full-stack solutions tailored to client needs.
- Developed AI-powered automation workflows and integrated third-party management solutions.

- Developed multiple web applications across various client projects, developed solutions enhancing user experiences and streamlining development processes.
- Integrated AI solutions such as chatbots and RAG systems to enhance data retrieval, user engagement, and application scalability.

Projects

Vibe Interviewing

2025

- Developed a cross-platform AI-powered interview assistant using TypeScript and Rust (Tauri), integrating various large language models, including support for local offline models. Implemented real-time voice transcription with Datagram and a credit management system using Strapi payment integration. Designed the app to deliver smooth, intelligent conversation support and easy payment options while maintaining fast, lightweight desktop performance. (GitRepo)

No-Code Automation

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- A web application that enables the integration of OAuth with multiple services, including Airtable, Notion, and HubSpot. interface for creating pipelines, while the back-end processes these pipelines. Agentic Based Pipeline builder. (GitRepo)
- Tools Used: Nextjs, TypeScript, React, Python, FastAPI, Redis, OAuth2.0, ORM Connection, Nodejs

LinkedIn Scrapping

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- A comprehensive solution for extracting structured professional data from LinkedIn at scale. This system enables automated collection of job listings, company profiles, and professional data while implementing robust anti-detection measures and session management. (GitRepo)
- Tools Used: Python, Web scraping, FastAPI, Selenium, sqlalchemy

Crypto-MarketPlace

Vist Link

- Crypto Marketplace is a comprehensive platform for visualizing and trading cryptocurrency data. Stock-bot: An AI intelligence helps you to make your next stock purchase or sale. Provides live trade updates from multiple cryptocurrency exchanges. (GitRepo)
- Tools Used: Nextjs, Nodejs, WebSocket, RESTAPI, Apex, TypeScript,

AI TaskManager

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- Developed a comprehensive task management website that features user registration / log-in, CRUD operations, prioritization tools, and customizable themes. (GitRepo)
- Tools Used: Typescript, Nextjs, Prisma, Auth, MongoDB, Docker, Jenkin, K8s

Other Projects - Currency-converter, Password Manager, Node-Manager, Discordbot, GPT-Clone, Speechify, E-commerce ... Etc

Career Achievement

- **Open Source:** Contributed to Microsoft's Data Formulator open-source project, enhancing integration capabilities with multiple large language models (LLMs). (Check)
- Acted as an open-source contributor to the Bytewax stream processing project. (Check)
- Awarded a medal in the Mathematics Olympiad during school.
- Completed a Udemy Developer certification, demonstrating verified expertise in modern software development practices and technologies. ([Licenses](#))
- Demonstrated strong problem-solving abilities in Data Structures and Algorithms (DSA), winning three consecutive inter-college hackathons focused on coding and software development.

Education

Gandhi Engineering College, B-Tech in Computer Science

Bhubaneswar, Odisha

- **Coursework:** Computer Architecture, Programming Language, Algorithms

GPA: 8.5