

KALURI HIMABINDHU

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Education

Indian Institute of Information Technology, Bhagalpur

Dec 2021 - Jun 2025

Bachelors of Technology in Computer Science and Engineering

7.55 CGPA(Absolute)

Relevant Coursework

- Data Structures
- Algorithms
- Operating System
- Artificial Intelligence
- OOPs(C++)
- DBMS
- Computer Networks
- Machine Learning

Experience

Shipd

Jan 2026 – Present

Software developer Freelancing

Remote

- Authored and evaluated **30+** AI training and reasoning tasks to improve model understanding and assessment quality.
- Engineered and deployed TypeScript/React UI components for an AI annotation platform supporting model training.
- Managed AI classification systems and validated **100+** model outputs for fast, accurate quality categorization.

Silzila Technologies

May 2025 – Dec 2025

Software Developer

Remote

- Delivered SaaS frontend features using **React** and **TypeScript**, improving page load performance by 25%.
- Developed dashboards using **Apache ECharts**, implemented **BigQuery** integration for insights across 30+ countries.
- Optimized frontend-backend API integration by reducing redundant calls by 30%, improving application performance.
- Strengthened app stability through unit testing with **Vitest**, increasing code coverage by 35% and reducing UI bugs.

Frugato Chocolate

Jan 2025 – Apr 2025

Software developer Intern

Remote

- Designed secure APIs using the **MERN stack** with **OAuth 2.0** and JWT, improving security and access control.
- Integrated **Razorpay** with robust error handling and transaction validation, improving payment reliability.
- Improved API response time by 30% via caching and request optimization, reducing latency from 500ms to 350ms.

Projects

Aether AI 🌐 🐙 | FastAPI, LangGraph, LangChain, Gemini 2.0 Flash, ChromaDB, Docker

Apr 2026 – May 2026

- Architected a **Multi-Agent AI Research System** with **FastAPI** and **Next.js 15**, orchestrating **6 AI agents** (Planner → Search → Scraper → Summary → Citation → Report) reducing research time by **70%**
- Implemented **real-time SSE streaming** with **LangGraph** and **LangChain**, integrating **Gemini 2.0 Flash** via **Google AI Studio** for live agent token generation with **sub-200ms** response latency.
- Built **RAG pipeline** with **ChromaDB** and **sentence-transformers** for semantic search over **PDF/DOCX** uploads, reducing manual retrieval time by **60%**.

InvoiceParser AI 🌐 🐙 | FastAPI, Gradio, Tesseract OCR, Together AI, pdf2image, Python

Jan 2026 – Mar 2026

- Crafted a **hybrid Invoice OCR pipeline** using **FastAPI** and **Gradio**, extracting **JSON** from PDFs with 95%.
- Integrated **Together AI** and **Tesseract OCR** as dual extraction modes, parsing **invoice_number** and **line_items**.
- Devised end-to-end document processing pipeline with **pdf2image** at **300 DPI**, reducing manual data entry by **70%**.
- Streamlined responsive user interfaces using TypeScript and Tailwind CSS for cross-device usability.

Technical Skills

Languages: C++, Python

Frontend: JavaScript, React.js, Next.js, Typescript, TailwindCSS

Backend: Node.js, Express.js, Django, FlaskAPI

Databases: MongoDB, PostgreSQL

Developer Tools: GitHub, Git, Postman, Docker

Coding Profiles: [Leetcode](#) [CodeChef](#) [Codeforces](#)

Knowledge

- Reached the **Specialist** level on Codeforces with a rating of **1404**.
- Attained a **Knight rating (1922)** on Leetcode, positioning within the **top 4%**.
- Achieved a **96th rank** in CodeChef Starters 216, placing among the top 19,000 participants
- Ranked **337th** out of 19,469 participants in LeetCode BiWeekly Contest 169.
- Contributed to **open-source projects on GitHub** by submitting **10+ pull requests** and fixing issues.