





# Dibas Kumar Borborah

 [github.com/dibkb](https://github.com/dibkb)  [dibas.borborah.xyz](https://dibas.borborah.xyz)  [linkedin.com/in/dibkb](https://linkedin.com/in/dibkb)  [dibas9110@gmail.com](mailto:dibas9110@gmail.com)

## EDUCATION

### Indian Institute of Information Technology

Aug 2023 – 2025

*Master of Science (Msc) Machine Learning and Artificial Intelligence*

CGPA: 9.09

### Dibrugarh University

Jun 2019 – Jun 2022

*Bachelor of Science (Bsc Honors) Mathematics*

CGPA: 8.82

## SKILLS

**Languages:** TypeScript, Python, C++, SQL, HTML/CSS, SCSS, Golang

**Frameworks & Libraries:** React, Next.js, Node.js, Express.js, FastAPI, Hono, Flask, Tailwind CSS, ShadcnUI, tRPC, Redux, Jest, Mocha, Drizzle ORM, WebSockets, Playwright

**AI/ML & Data:** PyTorch, scikit-learn, pandas, Hugging Face, LangChain, ChromaDB, Ollama, Web Scraping, Mastra AI

**DevOps & Tools:** Git/GitHub, GitLab CI/CD, Docker, Kubernetes, AWS (EC2, general), Nginx, Unix Shell, VS Code, Vercel, Turborepo

**Databases:** PostgreSQL, MongoDB, Redis, Neo4j, Quadrant

## PROJECTS

### AI-Powered Web Code Editor | *Next.js, Monaco, LLM, Mastra AI, AWS S3, Docker, GitLab CI/CD*

April 2025

- Built a browser-based AI code editor that transforms screenshots (LLaMA-4) or prompts (GPT-4o) into editable HTML/CSS/JS with Monaco live preview.
- Integrated GPT-4o assistant using Vercel AI SDK for contextual suggestions; added image input via S3 and one-click Netlify deployment.
- Dockerized and deployed on AWS EC2 with GitLab CI/CD for seamless integration and delivery.
- GitHub Live Blog

### Agentic Movie Recommender Chatbot | *FastAPI, Neo4j, Quadrant, LangChain, LLaMA*

March 2025

- Built a movie chatbot with graph reasoning, semantic search (Jina + Quadrant), and Reddit/Letterboxd integration via Brave Search.
- Used LLaMA + LangChain for NER, Cypher generation, and query routing across Neo4j and Quadrant.
- Deployed on AWS EC2 with SSE-based streaming and GitLab CI/CD.
- Github Client Github Server Live Blog

### AI-Powered Amazon Product Optimizer | *FastAPI, Next.js, LangChain, PostgreSQL, Docker*

April 2025

- Created a platform to enhance Amazon listings using LLM-based review scraping, sentiment analysis, SWOT, and A/B testing.
- Used LLaMA-4 + GPT-4o agents via LangChain for summarization, copywriting, and competitor-aware listing generation.
- Containerized backend, deployed on AWS EC2 with GitLab CI/CD and Nginx reverse proxy.
- Github Client Github Server PyPI Live Blog

## EXPERIENCES

### Interface Labs | *Full Stack Engineer (Intern)*

Aug 2024 – Present

- Spearheaded development of the entire MVP from scratch — translating Figma designs into a responsive Next.js frontend and building robust FastAPI backend services.
- Integrated Amazon Selling Partner (SP) APIs to automate client reporting workflows; implemented scheduled cron jobs for pulling, processing, and persisting SP API reports.
- Delivered production-ready MVPs for early clients like **Plum**, **Mokobara**, and **Azah**, accelerating their onboarding and analytics operations.

### Adri AI (YC W23) | *Full Stack Engineer (Contract)*

May 2024 – August 2024

- Led the complete redesign and implementation of the company website, enhancing UX/UI consistency and performance.
- Developed internal tools and dashboards; integrated LLM-powered APIs with a responsive, dynamic frontend stack.
- Designed and tested prompt engineering strategies to improve LLM outputs across use cases like summarization, Q&A, and content generation.

### StockInsights | *Frontend Engineer Intern*

Apr 2023 – Sept 2023

- Developed the MVP from Figma to production using React, integrating backend APIs and user-role based views for secure access control.
- Implemented LangChain-powered streaming UI and pagination to enhance UX across data-heavy screens.