

Vivek Pramanik

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Experience

366Pi Technologies, Ranchi

May 2026 - June 2026

Engineering Intern

- Developed an AI Knowledge Assistant using RAG, FastAPI, Next.js, ChromaDB, and LLMs, enabling context-aware document search and citation-backed responses.
- Built an AI-powered Inventory Forecasting System using Python, Prophet, Azure SQL Server, Pandas, and Streamlit to predict spare-part demand, optimize reorder quantities, and identify inventory risks.
- Automated business workflows using SharePoint and Power Automate to streamline enterprise operations.

Projects

SwiftHire – AI Powered Hiring Platform

swifthire-app.vercel.app

Built an AI powered hiring platform with resume based job matching and role-based access for recruiters and job seekers.

- Built recruiter and job seeker dashboards with role-based authentication (JWT)
- Implemented RESTful APIs for job posting, searching, and management
- Containerized the application using Docker for seamless deployment
- **Tech Stack:** React, Tailwind CSS, Node.js, Express, Supabase (PostgreSQL), Google Gemini API, LangChain, Docker

DorandaGPT - AI Persona Assistant

doranda-gpt.vercel.app

Built an AI-powered virtual assistant enabling natural, human-like conversations with dialogue modeled on college professors' communication styles.

- AI-driven conversational interface for friendly and engaging interactions
- Configurable AI backend supporting OpenAI and Groq APIs
- **Tech Stack:** Next.js, TypeScript, TailwindCSS, Framer Motion, Groq API

Technologies

Languages: C, C++, Java, HTML/CSS, JavaScript/TypeScript

Developer Tools: Docker, Git, GitHub, Jenkins, Netlify, Vercel, Visual Studio Code (VS Code), IntelliJ IDEA

Familiar With: Adobe XD, AWS EC2, AWS S3, Bootstrap, Clerk, Express.js, Figma, Firebase, Framer Motion, MongoDB, MySQL, Next.js, Node.js, OpenAI API, React.js, Spring Boot, Spring Data JPA, Supabase (PostgreSQL), Tailwind CSS

Computer Fundamentals: Database Management System (DBMS), Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Operating System (OS), Software Engineering

Education

Doranda College - Ranchi University

August 2024 – October 2026

Master of Computer Applications

P.P.K. College, Bundu - Ranchi University

June 2021 – August 2024

Bachelor of Science, Computer Applications; CGPA - 8.14