

Shardendu Mishra

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CAREER OBJECTIVE

AI/ML-focused Computer Science student with full-stack **MERN** and **Python** expertise, including **AI** libraries and **RAG** app development. Seeking **full stack** developer role to create scalable, AI-driven web solutions.

EDUCATION

DR APJ Abdul Kalam Technical University
Bachelor of Technology in Computer Science – AI & ML

Lucknow, Uttar Pradesh
Sep 2022 – May 2026

WORK EXPERIENCE

Associate L1- Web Development Intern

Jun 2025– Present

Infotact Solutions

Remote

- **Developed** two full-stack MERN applications: Service Pro, and Shilpkart.
- **Implemented** key features across both projects, including secure user authentication, dynamic service/product listings, real-time booking systems, and shopping cart functionality.

SKILLS

Languages: TypeScript, JavaScript, Python, C/C++, SQL (Postgres), Java, HTML/CSS

Frameworks: React, Node.js, Flask, Express.js, NextJS, FastAPI, CrewAI, Material-UI

Developer Tools: Git, GitHub, ChromaDB, Supabase, Cursor, VS Code, Visual Studio, PyCharm,

Libraries: Pandas, NumPy, Matplotlib, Scikit-learn, TailwindCSS

PROJECTS

AI Document Analyst | GitHub

Sep 2025 – Present

- **Engineering** a full stack **RAG** "Chat with Document" app with **Next.js** and **FastAPI**, implementing 5+ core features like on-demand file processing and context-aware conversational AI.
- **Architecting** a Python/FastAPI backend with a **multi-stage RAG** pipeline, a **containerized ChromaDB** vector database for persistent storage, and 2 primary modules for **document embedding** and LLM generation.

Secure Drop | Live | GitHub

Aug 2025 – Sep 2025

- **Architected** and **developed** a secure full-stack file sharing app with **Next.js**, **Supabase**, **PostgreSQL**, and **Tailwind CSS**, implementing ephemeral links, authenticated downloads, and responsive UI with 10+ shadcn/ui components.
- **Engineered** **JWT** auth, **RLS** policies, and **serverless Edge Functions** to automate data lifecycle, achieving a 95+ Lighthouse score

ShilpKart | Live | GitHub

Jul 2025 – Aug 2025

- **Architected** a multi-role marketplace with a secure **MERN** stack, implementing **RBAC** for 3 user types across 10+ API endpoints.
- **Engineered** a scalable product catalog with **server-side search**, **pagination**, and a component-driven React UI featuring 6+ reusable shadcn/ui components.

ServicePro | Live | GitHub

Jun 2025 – Jul 2025

- **Developed** a full-stack hyperlocal service booking platform with **JWT** authentication and distinct user/provider roles using React
- **Engineered automated** booking confirmation with secure tokenized emails and **real-time chat** via **Socket.IO** achieving **sub-200ms latency**

ACHIEVEMENTS

Finalist : AKTU Navonmesh AI Idea Challenge- 2025

Runners-up : Cybersecurity Hackathon organised by ISEA and Innovation Hub UP

Department Topper: Ranked 1st in the Computer Science – AI & ML department in semester examinations.