

SHAIKAT SHARMA

SOFTWARE ENGINEER

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🔗 Personal Portfolio 🔗 LinkedIn Profile 🔗 Github Portfolio 🇬🇧 Bangladeshi (By Birth)

PROFILE

Full-stack Software Engineer with expertise in Python, Django, Next.js, and React, building scalable, production-grade web applications. Experienced in AI and Machine Learning using TensorFlow and PyTorch, and skilled at mentoring developers to deliver data-driven, high-impact solutions.

PROFESSIONAL EXPERIENCE

- AI & Software Developer (Full-time, Remote), SugarClass Limited** 11/2025 – Present
Hong-Kong
- Developed a modern AI powered ed-tech platform and designed full stack AI architecture for learners in IGCSE, IB and EDEXCEL etc.
- Senior Instructor, EDGE-CSE CUET Digital Skills Training** 01/2024 – Present
- Conducted training on Machine Learning, Python & Django.
 - Trained 200+ learners through a structured curriculum on web and AI.
- Software Developer, QBITX Solutions** 01/2025 – 12/2025
Chittagong, BD
- Developed and deployed three major web applications with 99.9% uptime.
 - Integrated AI productivity tools (Cursor, Windsurf) to boost speed by 50%.

EDUCATION

- Bachelor of Science in Computer Science & Engineering,** 2021 – 2024
University of Creative Technology (UCTC)
- GPA: 3.9
 - Relevant Courses: Machine Learning, Deep Learning, Algorithms, Web Engineering
 - Thesis: AI-Driven Smart Surveillance using Computer Vision

PROJECTS

- Sugarclass AI Learning Hub, Live: <https://sugarclass.app>**
- Main Orchestrator: Next.js 16/FastAPI shell with a custom cross-domain JWT SSO handshake.
 - AI Tutor: LangGraph-orchestrated RAG pipeline utilizing Qdrant vector storage, BGE embeddings, and PostgreSQL/Redis for syllabus-aware student support.
 - AI Writer: Next.js/FastAPI service with a distributed scraping engine and LLM drafting.
 - AI Examiner: Next.js/FastAPI automated exam synthesis engine.
 - AI Materials: FastAPI/React content management system utilizing Gemini 3, Grok-imagine.
- Codemy Bangladesh Website, Live: <https://codemybd.com>**
- Complete edtech platform with Next.js 16 frontend, Django 5 REST backend, PostgreSQL database, Redis for caching, and Docker-based deployment on a VPS.

CERTIFICATIONS

- Foundational C# - FreeCodeCamp & Microsoft
- Machine Learning with Python - IBM | CognitiveClass.ai
- Data Analysis with Python - IBM | CognitiveClass.ai