

ABU BAKOR SIDDIK

siddik.dev@gmail.com ◇ [LinkedIn](#) ◇ [GitHub](#)

+880-1777368237 ◇ Mirpur, Dhaka, Bangladesh

SUMMARY

Full Stack Software Engineer with 2 years of experience building production SaaS applications in React, TypeScript, Node.js, and PostgreSQL. Main developer for two live Shopify apps. Experience in frontend architecture, design systems, REST API development, and AI/LLM integration. Comfortable owning features end to end and communicating with non-technical stakeholders.

SKILLS

- **Languages:** TypeScript, JavaScript, Python, SQL, C, C++
- **Frontend:** React, Next.js, React Router, Remix, Tailwind CSS, Shopify Polaris, Vite
- **Backend:** Node.js, Express.js, PostgreSQL, Prisma, REST API design
- **AI and LLM:** OpenAI API, RAG, vector embeddings, Pinecone, LangChain, Hugging Face
- **Testing and Tools:** Vitest, Git, Linux, Docker
- **Practices:** Component-driven development, design systems, SOLID, clean architecture, code review

SOFT SKILLS

- **Communication:** Explain technical trade-offs to non-technical stakeholders and write clear documentation for merchants and support teams.
- **Collaboration:** Work daily with designers, support, and marketing; give and receive code review.
- **Ownership:** Take features from requirement to release, including production debugging and follow-up fixes.
- **Mentoring:** Trained university students in programming fundamentals for two years; onboard teammates onto existing codebases.
- **Written Fluency:** 100+ WPM typing speed; fast, clear written communication in async teams.

EXPERIENCE

Software Engineer

Dec 2024 - Present

WPXPO, Dhaka

- Main developer for WowApps, the company's Shopify SaaS product line. Defined the frontend architecture and coding standards used across both apps.
- Built [WowETA](#) (Shopify App Store), a delivery date estimation app for online stores, using React Router v7, TypeScript, Node.js, and PostgreSQL.
- Developed a zipcode based delivery availability checker with a PostgreSQL data model supporting exact codes and ranges, plus browser geolocation detection.
- Refactored a monolithic storefront JavaScript file into a modular, feature based architecture bundled with Vite.
- Built [WowOptions](#) (Shopify App Store), a product personalization app, including a library of 25+ reusable configurable field types (swatches, file upload, date pickers, sliders, color and font pickers).
- Implemented a live product personalizer rendering customer text and uploaded images onto product images in real time, using React Context for state synchronization.
- Built a conditional logic engine with Any/All rule matching and a configurable pricing engine.
- Designed reusable Polaris based admin interfaces including rule builders, settings panels, and multi step forms.

Programmer (Volunteer)

IUBAT Innovation and Entrepreneurship Center, Dhaka

Jan 2024 - Dec 2024

- Built an automated window control system using FastAPI, Jinja2, and Modbus RTU for real time communication between environmental sensors and motor controllers.
- Maintained the center's website and co-organized [Technocrats V2, Dhaka Divisional Hackathon 2024](#).

PROJECTS

- **WowShop: AI-Powered E-commerce Platform** (React, Node.js, Express, MongoDB) [GitHub](#)
Multi vendor e-commerce platform with an LLM based shopping assistant that helps users find products conversationally. Built the React frontend, REST APIs, and authentication.

EDUCATION

B.Sc. in Computer Science and Engineering

International University of Business Agriculture and Technology (IUBAT), Dhaka

CGPA: 3.71 / 4.00

CERTIFICATIONS

- [AI Engineer for Developers Associate](#), DataCamp Jun 2026
- Developing LLM Applications with LangChain, DataCamp Jun 2026
- Vector Databases for Embeddings with Pinecone, DataCamp Jun 2026
- Introduction to Embeddings with the OpenAI API, DataCamp Jun 2026
- Developing AI Systems with the OpenAI API, DataCamp May 2026
- LLMOps Concepts, DataCamp Apr 2026
- Working with Hugging Face, DataCamp Apr 2026
- Prompt Engineering with the OpenAI API, DataCamp Apr 2026
- Working with the OpenAI API, DataCamp Mar 2026
- Python 101 for Data Science, Cognitive Class Dec 2025
- Emotional Intelligence for Personal and Professional Life, Bohubrihi Dec 2023
- [Responsive Web Design](#), freeCodeCamp May 2020

COMPETITIVE PROGRAMMING

- Solved 1500+ algorithmic problems. [Codeforces](#): 929 solved. [VJudge](#): 639 solved.
- 64th place, [ICPC Asia Dhaka Regional Contest](#) Dec 2024
- 2nd Runner Up, [UAP Inter-University Collaborative Programming Contest 1.0 \(Senior\)](#) Jan 2024
- 44th place, [IUT 11th National ICT Fest Programming Contest](#) Apr 2024
- 2nd Runner Up, [IUBAT CSE Battle of Intellects](#) Jun 2022

EXTRACURRICULAR ACTIVITIES

- Trainer, Problem Solving Basics, IUBAT IITS Programming Wing (Club) Aug 2022 - Jan 2024
- Trainer, C and C++ Programming, IUBAT IITS Programming Wing (Club) Jan 2022 - Apr 2023