

A S M SHARIF MAHMUD SAZID

Computer Science Engineer | Sylhet, Bangladesh

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PROFESSIONAL SUMMARY

Computer Science Engineer with strong expertise in full-stack web development, mobile applications, and data science. Proficient in modern JavaScript frameworks and cloud technologies. Demonstrated ability to design and deploy scalable applications with focus on user experience and performance optimization.

EDUCATION

BSc in Computer Science and Engineering

Shahjalal University of Science and Technology, Sylhet

2020 – Expected May 2026

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Database Management Systems, Operating Systems, Web Development, Data Science & Analytics, Networking & Security, Machine Learning

TECHNICAL SKILLS

Languages:	C, C++, Java, Python, JavaScript, TypeScript, Kotlin
Frontend:	React.js, Next.js, HTML, CSS, Tailwind CSS, GSAP, Framer Motion, Responsive Design
Backend:	Node.js, Express.js, REST APIs, Authentication & Security
Mobile:	React Native, Kotlin, Android Development
Databases:	MySQL, PostgreSQL, MongoDB, Firebase, Supabase
Tools & Platforms:	Git, GitHub, Vercel, AWS, Jupyter, NumPy, Pandas

PROJECTS

SUST Research Hub – Academic Research Platform

- Production-grade digital ecosystem managing theses, projects, datasets, models and publications for Shahjalal University
- Built full-stack platform with Next.js 16, React 19, TypeScript, PostgreSQL, and Prisma ORM
- Engineered advanced search system with intelligent filtering, achieving <500ms average page load time
- Implemented multi-role authentication system serving 150+ active users (students, supervisors, admins)
- Designed 40+ database tables with complex relationships and automated workflow notifications
- Achieved 99.9% uptime with Cloudinary CDN integration for file storage

Live Demo: [View Live](#)

ConsultBook – Expert Consultation Platform

- Full-stack SaaS marketplace connecting experts with clients for 1:1 consultations and live masterclasses
- Built with Next.js 15, React 19, TypeScript, PostgreSQL (Neon DB), and Drizzle ORM
- Implemented comprehensive booking system with smart scheduling, timezone support, and multi-mode appointments (video/audio/in-person)
- Integrated Stripe payment infrastructure with secure transactions, digital wallet, and automated payouts
- Developed real-time messaging hub with file sharing and instant notifications using Server-Sent Events
- Created dual-role dashboards for clients and consultants with advanced analytics and earnings tracking

Live Demo: [View Live](#)

CripterDex – Real-Time Crypto Market Analyzer

- Developed a professional-grade crypto market analyzer using Next.js 16, React 19, and TypeScript
- Engineered a robust caching layer preventing API rate-limits while delivering real-time updates for thousands of assets
- Built a high-performance, installable Progressive Web App (PWA) ensuring native-like responsiveness on mobile devices
- Implemented GPU-accelerated visualizations with Recharts and Framer Motion, achieving 60fps interaction smoothness
- Integrated Server-Side Rendering (SSR) and Lenis smooth scrolling for superior user experience and performance

Live Demo: [View Live](#)

WeatherGlass – Weather Forecast Application

- Full-stack weather application with real-time updates and analytics dashboard
- Developed responsive React.js frontend with dynamic visualizations
- Built Node.js and Express backend integrating OpenWeatherMap API
- Implemented geolocation-based weather retrieval with optimized performance across devices

GitHub: [View Repository](#)

Personal Portfolio Website

- Modern, responsive portfolio showcasing professional work and skills
- Built with React.js and Tailwind CSS featuring dark-themed interface with smooth animations
- Deployed on Vercel with automatic scaling and domain management

Live Demo: [View Live](#)

Front-End Web Projects – UI/UX Showcase

- Collection of modern, responsive web interfaces built with React.js, Next.js, TypeScript and Tailwind CSS
- Implemented smooth scrolling with Lenis, animations with GSAP and Framer Motion for dynamic interactions
- Features: SaaS landing page, Coffee e-commerce site, Smart-Home dashboard, and E-Commerce platform

SaaS Platform: [View](#)

Coffee Shop: [View](#)

Smart-Home Dashboard: [View](#)

E-Commerce: [View](#)

TECHNICAL ACHIEVEMENTS

- Competitive Programmer on Codeforces (Max Rating: 1509, Specialist)
- Active contributor on GitHub with multiple open-source projects
- AWS Academy Graduate - Cloud Foundations certified

CERTIFICATIONS

AWS Academy Graduate - Cloud Foundation: [View Credential](#)

LANGUAGES

English: Fluent

Bengali: Native