MD SANIUL BASIR SAZ

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CAREER OBJECTIVE

I have a strong interest in AI/ML operations, blockchain technology, and software engineering. I am passionate about building practical and scalable systems that address real-world problems. My research focuses on developing innovative solutions using AI/ML and blockchain technologies with meaningful real-life impact. I am prepared and motivated to take on new real-world challenges.

EDUCATION

Jashore University of Science and Technology (JUST)   **Present**
B.Sc. in Computer Science and Engineering (CSE)

TECHNICAL SKILLS

Languages: C, C++, Python
Cloud & Infrastructure Tools: Pulumi
Machine Learning & AI: Classical ML, Deep Learning, MLFlow
Tools: Swagger, Postman, GitHub, VS Code, Visual Studio 2022, IntelliJ IDEA

PROJECTS

OpenKrishi (Therap JavaFest 2025)   *JUL 2025 – Sep 2025*
Java Spring Boot, PostgreSQL, Docker, RESTful APIs, JWT, Cloudinary — GitHub — Live
I developed a comprehensive agricultural platform with role-based access control for farmers, NGOs, and customers. I implemented JWT authentication, farmer and NGO registration systems, product management with image upload to Cloudinary, search and filtering APIs, order management, and Swagger documentation. I also containerized the application using Docker for production deployment.

OrigiBlok & Budget Tracking (Blockchain)   *MAY 2025*
Node.js, Express.js, Solidity, Ethereum — GitHub
I built a blockchain-based product tracking system with smart contracts for budget allocation and expense verification. I also developed REST APIs for seamless interaction with the Ethereum network.

ComplaintDesk (Full Stack)   *SEP 2024 – Dec 2024*
React, Node.js, MongoDB, Tailwind, JWT — GitHub — Live
In this team project, I implemented JWT authentication, real-time complaint tracking dashboards, and integrated the SSLCOMMERZ payment gateway for secure fee processing.

OneVote (Android & Web)   *MAR 2024 – NOV 2024*
Flutter, Dart, Firebase, UddoktaPay — GitHub — Download
I contributed to voter registration, candidate listing, and vote submission modules. I also integrated Firebase Authentication and UddoktaPay for secure digital voting.

TourPlanner (Full Stack)   *MAY 2024 – OCT 2024*
Node.js, MongoDB, JavaScript — GitHub — Live
I helped develop REST APIs, JWT-secured login, and designed features for tour packages, bookings, and multi-role access.

Blood Bank (Web & Android)   *MAR 2025 – JUN 2025*
Next.js, Node.js, MongoDB, Flutter — Live
I created a donor management system with location-based blood search and instant emergency notifications, integrating both web and Android interfaces.

PROBLEM SOLVING

Codeforces (mdsaniulbasirsaz) | LeetCode (SaniulBasir) | CodeChef (2⋆) | VJudge (saniul_saj4276) | Toph (Otto.Kavin) | HackerRank (saniulsaj)

CERTIFICATIONS

National Conference on Computational Intelligence and Applications (NCCIA) 2025
Presented research paper abstract under Dr. Mohammad Nowsin Amin Sheikh at Jashore University of Science and Technology (21 June 2025). Organized by CSE JUST and ICSETEP.

SQL (Intermediate) — Certificate
REST API (Intermediate) — Certificate

REFERENCES

Dr. Mohammad Nowsin Amin Sheikh
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