Tasnia Anower Medha

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Passionate about blockchain, software architecture, and user-centered product development.

EDUCATION

- **Islamic University of Technology** *Gazipur, Bangladesh*
  Bachelor of Science in Software Engineering,(CGPA:3.10 upto 6th Semester) 2022 – Present
  - **Relevant Courses:** Artificial Intelligence, Testing and Quality Assurance, Software Design and Architecture, Web Development

- **Govt. M. M. City College, Khulna** *Khulna, Bangladesh*
  Higher Secondary Certificate, Group: Science, GPA: 5.00 2019 – 2021

SKILLS

- **Programming Languages:** C++, C, Python, Java, JavaScript, HTML, CSS
- **Databases:** MongoDB, PostgreSQL, Neo4j, Oracle, Neon
- **Frameworks & Libraries:** React, Node.js, Next.js, Express.js, .NET
- **Cloud Platforms:** AWS, Microsoft Azure, Render, Vercel
- **Development Tools:** GitHub, Postman, JUnit
- **Core Web3.0:** Smart Contract Development, Blockchain Transactions, DApp Management
- **Data Science:** Python, Jupyter Notebook
- **Software Development:** OOP, Data Structures & Algorithms, Software Architecture, Testing, Design Patterns, Web & Mobile Development

PROJECTS

- **Whiskers-n-Co: Pet Adoption Website**
  MERN | Node.js | Express.js | MongoDB | API 2024 ⓞ GitHub
  - It eliminates fragmented workflows with features like AI-powered pet recognition, real-time communication, and automated adoption tracking.

- **Ashroy-e: Blockchain Disaster Relief**
  MERN | Ethereum | Hardhat | Web3.js | Sepolia 2024 ⓞ GitHub
  - Blockchain based decentralized disaster relief platform enabling transparent donations and campaigns.

- **DaktarShab: Telemedicine Platform**
  Next.js | Prisma | NeonDB | WebRTC | Tailwind 2025 ⓞ GitHub
  - Privacy-focused telemedicine app with secure video consultations via WebRTC. Integrated appointment scheduling using Prisma ORM and NeonDB.

- **E-Commerce App**
  MERN | Node.js | MongoDB | Express.js 2023 ⓞ GitHub
  - A comprehensive buy-and-sell platform with product catalog management, secure payment processing, and user reviews.

- **PhysixLab: Online Physics Learning**
  MERN | JavaScript 2024 ⓞ GitHub
  - Online Physics learning platform using the MERN stack with JavaScript

ACHIEVEMENTS & CERTIFICATIONS

- **Champion - Whiskers-n-Co** IUT Coderush 3.0 (Infinity Stage Project)
- **BestProject(1st) - Ashroy-e** IUT Coderush 3.0 Showcase
- **Top 10 Finalist - Car Selling System** DevOps Hackathon, IUT National ICT Fest 2024
- **HackCSB 2024** Project: PhysixLab
- **Cybersecurity & Information Security** Completed certified course from GP Ltd and Saylor Academy
- **volunteer** Nation Ict Fest 2024
- **Blockchain Olympiad Bangladesh-Finalist** (BioNet)