Md. Ibne Sina

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Skills

Languages: C/C++, Python, Java, PHP, Swift, Solidity, SQL

Technologies & Tools: Linux Shell, GitHub, Laravel, MySQL, Android Studio, Xcode, Firebase, Machine Learning, Blockchain

Education

Khulna University of Engineering and Technology   Jan 2020 – April 2025 (expected)
B.Sc. in Computer Science and Engineering (4th year)   *CGPA: 3.72/4.00*

Project Work

- **E-Shop (2023):** Developed a complete E-commerce website with Laravel, including MySQL database, payment integration, SMS, and email notifications. **Laravel, MySQL, Mailtrap, Twilio, Stripe, PHP**

- **School Management System (2023):** Created a comprehensive school website with separate panels for superadmin, admin, teachers, and students. Implemented using Laravel and MySQL. **Laravel, MySQL, PHP**

- **ChseeAI (2024):** Programmed a Chess game with AI functionality, offering adjustable difficulty levels. Utilized Python and PyGame for enhanced interactivity. **PyGame, Python**

- **Boiwala (2022):** Designed and built an E-commerce mobile application using Android Studio, with Firebase integration for backend services. **Android Studio, Firebase, Java**

- **Cardiac Recorder (2023):** Collaborated on a cardiac health monitoring application using Android Studio, with Firebase integration for real-time data storage and retrieval. Worked collaboratively using GitHub for version control and project management. **Android Studio, Firebase, GitHub Collaboration, Java**

- **GadgetShop (2023):** Created an iOS E-commerce application integrating a Firebase backend and JSON parsing for data handling. **Xcode, iOS, Firebase, JSON, Swift**

- **Flappy Bird Game (2024):** Designed an entertaining Flappy Bird game in Swift for iOS. **Xcode, iOS, Swift**

- **Video Streaming Database Management System (2023):** Crafted a database management system for video streaming services using SQL and PLSQL for efficient data handling and queries. **SQL, PL/SQL**

- **Complete Compiler Project (2023):** Constructed a complete compiler from scratch using C++. The project involved lexical analysis, syntax analysis, semantic analysis, optimization, and code generation. **Flex, Bison, C++**

- **Modern Mosque (2025):** Developed a simulation of a modern mosque using OpenGL, incorporating various library functions and physics-based implementations. **OpenGL, C++**

- **PropertyBuySell (2024):** Created a decentralized platform for real estate transactions using Ethereum blockchain. Automated property contracts with Solidity and ensured secure deployment via Hardhat. **Hardhat, Ethereum, Solidity**

Experience

- **Team Lead, PHP Stack – Geeky Solutions (Learnathon 3.0)**   January 2025 - Present
  Led a team of 3 in developing BanglaHire, a Bangladesh-based freelancer hiring platform, utilizing PHP and related technologies.
- Solved over 600 coding problems on multiple competitive programming platforms.

Co-Curricular Activities

- **Joint Secretary** – **Bit2Byte**, a Software Research and Development Club of KUET
- **Event Organizer** – Hackathon Segment, **BitFest 2.0**, organized by the KUET CSE Department
- **President** – **Bikiron**, a student and social welfare club

Awards and Certificates

- **Academic:** Dean's award in 3rd year
- **Creative Talent Hunt:** Divisional Champion on "Math and Computer"
- **Math Olympiad:** Sub-regional Champion