MD. SHAHRIAR KHAN LIMON

🏠 House #322/A, Mollapara, South Monipur, Mirpur 60 feet, Mirpur 2, Dhaka
📞 +8801771107288 ✉ shahriarkhan530@gmail.com
💻 github.com/ShahriarKhanLimon 📄 shahriarkhanlimon.github.io
🔗 linkedin.com/in/shahriar-khan-limon

SUMMARY OF QUALIFICATIONS

- Proficient in Java, Python, Django, Laravel, Android Studio, JavaScript, SQL, SDLC, STLC, Git & GitHub.
- Advanced skills in database management, SQL procedures, Crystal Reports, user interfaces and error handling.
- Conducted research in CNN-based models for Diabetic Retinopathy, achieving a CGPA of 3.63 in Computer Science and Engineering.
- Demonstrated leadership in the Robotics Club Of BRAC University, mentoring members and managing operations.
- Involved in various university projects: Online Shopping, Network Infrastructure, Scholarship Management, Flight Management System, and Arduino-based Security System.

EDUCATION

BRAC University Mohakhali, Dhaka
Bachelor of Science in Computer Science and Engineering August 2023
Thesis: Evaluating the Effectiveness of CNN-Based Models for Diabetic Retinopathy Detection ⎘
- CGPA: 3.63/4.00

Notre Dame College Motijheel, Dhaka
Higher Secondary School Certificate (Science) July 2018
- GPA: 5.00/5.00

Harimohan Govt. High School Chapai Nawabganj
Secondary School Certificate (Science) February 2016
- GPA: 5.00/5.00

TECHNICAL SKILLS

- Programming Language: Java, Python
- Object-oriented programming (OOP) & Algorithms
- Frameworks: Django, Laravel
- App Development: Android Studio
- Web Development: HTML, CSS, JavaScript
- Software development lifecycle (SDLC) & Test-driven development (TDD)
- Databases: SQL Server Management, MySQL, Mainating Crystal Reports
- Version Control: Git & GitHub
- Machine Learning & Image Processing
- Problem Solving, Team Player

RELATED EXPERIENCE

Junior Software Engineer Madani Avenue, Dhaka
Orange Solutions Ltd, United Group February 2024 - June 2024
- Expanded expertise in database management, SQL & data manipulation techniques and ERP Solutions
- Developed proficiency in designing and implementing user interfaces, input validation, and update mechanisms.
- Enhanced skills in creating efficient Crystal Reports and optimizing procedures for improved performance.
- Learned the company's ZAB Framework and worked on the screens and backends.

Software Development Intern Madani Avenue, Dhaka
Orange Solutions Ltd, United Group November 2023 - January 2024
- Contributed to software development initiatives, focusing on SQL, Microsoft Database Management, and ERP Solutions, particularly focusing on the production module.
- Demonstrated proficiency in SQL procedures & integration of Crystal Reports using the ZAB framework.
- Acquired hands-on experience with the company's proprietary framework, based with Tomcat.

PROJECT EXPERIENCE

BRAC University   Mohakhali, Dhaka

Online Shopping Mart Website   ↗
- Developed a user-friendly online shopping platform as a software engineering course project.
- Implemented login, cart management, payment processing, and admin controls.
- Applied Django framework following the Model-View-Template pattern.
- Ensured code maintainability by organizing tests in separate files.

BRACU Network Implementation   ↗
- Established network infrastructure linking multiple BRAC University campuses and centers using packet tracer for Computer Network course project
- Configured routers for efficient data routing, incorporating both static and dynamic routing protocols.
- Implemented email server for communication and set up web server and designed network topology diagram, provided router configuration commands, and utilized VLSM for IP address allocation.

University Scholarship Management System   ↗
- Collaborated on a database systems project to develop a scholarship management system.
- Enabled administrators to manage student grades and allocate scholarships based on performance.
- Utilized SQL for database operations, PHP for server-side scripting & designed intuitive user interface using CSS.

Flight Management System   ↗
- Collaboratively developed a Flight Management System for System Analysis and Design course.
- Conducted comprehensive requirement analysis for passengers, airline authorities, and airport admins.
- Implemented functional features like booking, tracking, and payment options.
- Addressed non-functional aspects including operational efficiency, performance, security, and regulatory compliance.

Smart Security System using Arduino   ↗
- Designed power-efficient system with Arduino Uno, sensors, and servo motor.
- Developed a smart security solution for remote control and detection.

LEADERSHIP EXPERIENCE

Robotics Club of BRAC University   Mohakhali, Dhaka
Mentor   August 2021 – February 2023
- Instructed club members in robotics from basic to advanced levels, including spreadsheet proficiency.

Secretary of HR
- Spearheaded HR responsibilities, overseeing club operations and event management.

Event Organizer
- Organized two successful inter-university competitions, demonstrating strong organizational skills.

HONORS & INVOLVEMENT

- VC's List (3 semesters); Dean's List (2 semesters).
- Former Secretary Of HR at Robotics Club of BRAC University.
- Perfect Attendance Certificate from Notre Dame College.

REFERENCES

- **Muhammad Iqbal Hossain, PhD**
  Professor
  Computer Science and Engineering,
  BRAC University
  iqbal.hossain@bracu.ac.bd
  +8801715065301

- **M.A. Monyeem**
  Software Engineer
  Software Development
  Orange Solution Ltd, United Group
  monyeem@united.com.bd
  +8801517096422