

MD. SHAHRIAR KHAN LIMON

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SUMMARY OF QUALIFICATIONS

- Proficient in Java, Python, Django, Laravel, Android Studio, HTML, CSS, JavaScript, SQL, 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 Bachelor of Science in Computer Science and Engineering <i>Thesis: Evaluating the Effectiveness of CNN-Based Models for Diabetic Retinopathy Detection</i> <ul style="list-style-type: none">• CGPA: 3.63/4.00	Mohakhali, Dhaka August 2023
Notre Dame College Higher Secondary School Certificate (Science) <ul style="list-style-type: none">• GPA: 5.00/5.00	Motijheel, Dhaka July 2018
Harimohan Govt. High School Secondary School Certificate (Science) <ul style="list-style-type: none">• GPA: 5.00/5.00	Chapai Nawabganj February 2016

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 <i>Orange Solutions Ltd, United Group</i> <ul style="list-style-type: none">• Expanded expertise in database management, SQL scripting, and data manipulation techniques.• 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.	Madani Avenue, Dhaka February 2024 - Present
Software Development Intern <i>Orange Solutions Ltd, United Group</i> <ul style="list-style-type: none">• 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.	Madani Avenue, Dhaka November 2023 - January 2024

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

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| <ul style="list-style-type: none">• Muhammad Iqbal Hossain, PhD
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