

Labib Azad

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SUMMARY

Full-Stack Developer with hands-on experience in PHP (Laravel), JavaScript, MySQL, and React.js. Proven expertise in building responsive web applications, optimizing backend systems, and ensuring high performance and security in Agile methodologies.

EXPERIENCE

Software Engineer

Concepts Engineers Limited

July 2022 - November 2023, Dhaka, Bangladesh

- Coordinated with QA teams to validate 100+ technical reports.
- Delivered progress updates and documentation to improve project communication and accuracy.
- Collaborated with the software development team to build and maintain internal web applications using PHP and JavaScript, participating in coding, debugging, and feature implementation.

PROJECT

Doctomed Directory: Online Healthcare Connection Platform

Swissinvest Limited – Contractual Project | May 2025 – June 2025

- Developed a secure, high-performance Laravel PHP backend for healthcare appointments and professional connections, ensuring 99.9% uptime.
- Implemented role-based access control to protect sensitive patient and professional data.
- Collaborated with UI/UX designers to enhance the user experience for both professionals and clients.

PresKibo: Patient Records System

United International University • December 2021 - December 2024

- Designed a frontend with HTML, CSS, and JavaScript, reducing page load time by 25%.
- Developed a secure PHP backend, ensuring 99.9% uptime for patient records and appointments.
- Optimized MySQL database, improving query performance by 35%.
- Integrated real-time notifications, increasing user engagement by 40%.
- Conducted testing, reducing system bugs by 20% post-launch.

English Article Evaluation Technique: A Case of IELTS

United International University • June 2023 - December 2023

- Built a responsive frontend using HTML, CSS, Bootstrap, and JavaScript, improving user accessibility and reducing form submission errors by 30%.
- Implemented a scalable Django backend with SQLite, handling up to 5,000 data entries with smooth performance and 99.9% uptime during testing.
- Applied machine learning algorithms SVM and SVR for assessment, achieving a 25% boost in scoring accuracy and supporting real-time predictions under 1 second per submission.
- Enhanced evaluative accuracy by 25% and reduced manual review time by 40%.

AgroSense: Plants detection and health monitoring

United International University • June 2023 - September 2023

- Achieved 90% leaf classification accuracy using IoT (Raspberry Pi, Arduino).
- Integrated cloud storage and provided real-time alerts to farmers.

QuantumSky (Land Survey Aircraft)

United International University • June 2023 - September 2023

- Developed UAV system using STM32, LiDAR, GPS, and IMU tech.
- Improved aerial mapping accuracy by 40%; completed 50+ test flights.

Home weather Monitoring System

United International University • April 2023 - May 2023

- Built a real-time system using ESP8266 and NodeMCU with gas/temperature sensors.
- Enabled historical data logging and remote alerting via IoT protocols.

UIU Club Forum Web Application

United International University • March 2023 - May 2023

- Built a secure PHP + MySQL backend with role-based access for 100+ users
- Enabled event, post, and comment features; increased engagement by 50%.

Electronic Waste Management: A Crucial Concern of Technologically Advanced 21st Century

United International University • March 2022 - May 2022

- Researched global impact; proposed eco-disposal solutions to reduce landfill by 30%.

EDUCATION

Masters in Computer Science and Engineering

Jagannath University • Dhaka, Bangladesh • 2025 • Ongoing

- **Admission Merit Rank:** Ranked 21st in the merit list for M.Sc. in Computer Science and Engineering, Jagannath University.

Bachelor of Computer Science and Engineering

United International University • Dhaka, Bangladesh • 2023 • 2.34 out of 4.00

- Participated in numerous software development projects, gaining hands-on experience in front-end and full stack development, database management, and system design.
- Contributed to both individual and team-based, user-friendly web applications, strengthening problem-solving, programming, and project management skills through real-world experience.

Higher Secondary School Certificate

Saidpur Government Science College • Saidpur, Nilphamari • 2017 • 5.00 out of 5.00

Secondary School Certificate

Saidpur Government Science School and College • Saidpur, Nilphamari • 2015 • 5.00 out of 5.00

- Achieved GPA 5.00 (Golden A+) in the Science group, demonstrating academic excellence and strong foundational knowledge.

CERTIFICATIONS

Version Control

Meta • 2023

Programming with JavaScript

Meta • 2023

Introduction to Front-End Development

Meta • 2023

Google IT Support

Google • 2022

Visual Element of User Interface Design

California Institute of the Arts • 2022

Foundations of User Experience (UX) Design

Google • 2022

Google Ads for beginners

Google • 2022

Programming Fundamentals

Duke University • 2022

Google Data Analytics

Google • 2022

Introduction to Cybersecurity Tools & Cyber Attacks

IBM • 2022

PROFESSIONAL MEMBERSHIP

Graduate Member

Dhaka, Bangladesh • Bangladesh Computer Society

Associate Member

Dhaka, Bangladesh • The Institution of Engineers, Bangladesh

AWARDS & HONORS

UIU CSE Project Show

United International University • 2023

- Awarded 1st Runner-up for the **QuantumSky** project, which showcased innovative use of technology in land surveying.
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SKILLS

Frontend Technologies: HTML5, CSS3, JavaScript, jQuery, React.js

Backend Technologies: PHP (Laravel), Python (Django)

Databases: MySQL, PostgreSQL, MongoDB

Version Control: Git, GitHub, GitLab, Bitbucket

Full Stack Development:

- Web Application Development
- Front-End and Back-End Integration
- Security Best Practices
- Scalability and Performance Optimization
- Troubleshooting and Debugging

Technical Knowledge:

- Hands-on experience in IT-related roles.
- Basic understanding of Linux operating systems, Hypervisor, Networking, and Cloud Infrastructure.

Project Management & Collaboration Tools:

- Jira
- SharePoint
- Google Workspace

Soft Skills: Attention to Detail, organizational skills, excellent verbal communication, ability to work independently, teamwork, problem solving skills, constructive feedback.