

# 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%.

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## 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.

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## 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

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## PROFESSIONAL MEMBERSHIP

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### Graduate Member

Dhaka, Bangladesh • Bangladesh Computer Society

### Associate Member

Dhaka, Bangladesh • The Institution of Engineers, Bangladesh

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## AWARDS & HONORS

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### 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

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**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.