Md Ibrahim

+880 1830908673 ibrahim.cse242@gmail.com github.com/ibrahim-sajib ibrahim-sajib.github.io

Summary

Software Engineer with 4 years of experience building business-critical web applications using Laravel, PHP, Vue.js, and TypeScript. Experienced in developing enterprise accounting and HRMS solutions, implementing complex financial workflows, multi-tenant data handling, and security features. Led backend development for a platform serving 10,000+ registered users, with a focus on API performance, database optimization, and reliable integrations. Strong at translating business requirements into practical technical solutions and delivering features that support real operational needs.

Technical Skills

Languages: PHP, JavaScript, TypeScript, Python, C++, C, Java, HTML/CSS, SQL
Frameworks & Technologies: Laravel, Vue.js, Vue 3, Inertia.js, Nuxt.js, Tailwind CSS, REST APIs, API Integration
Databases: MySQL, PostgreSQL
Developer Tools: Git, GitHub, GitLab, Linux, VS Code, Figma
Familiar: Docker, Docker Compose, AWS, CI/CD, YAML, Multi-factor Authentication, Payment Gateway Integration

Work Experience

Softzino Technologies **September 2022 – Present**
Software Engineer *Uttara, Dhaka*

Enterprise Accounting System | *Laravel, Vue.js, Inertia.js, PostgreSQL* **July 2026 – Present**

- Implemented application workflows across Accounts Payable, Accounts Receivable, Vouchers, and General Ledger, translating complex accounting requirements into business logic for invoices, bills, payments, and financial transactions.
- Built and refined Chart of Accounts functionality, tenant-aware validation, and transaction handling to maintain data integrity and consistent financial records across accounting operations.

Enterprise HRMS | *Laravel, Vue.js, AWS KMS* **February 2026**

- Developed Payroll, Provident Fund (PF), and Security modules for a multi-tenant HRMS, implementing tenant-aware data handling to keep organization-specific information isolated.
- Implemented multi-layer encryption and decryption for sensitive payroll data using AWS KMS, administrator-managed passphrases, and key versioning; added 2FA and role-based authorization to protect privileged operations.

Bariplus – Backend Lead | *Laravel, Vue.js, MySQL* **July 2025**

- Led backend development for a platform with 10,000+ registered users, building and maintaining REST APIs consumed by the web platform and a separate Android application.
- Improved API performance through caching and database query optimization, while implementing backend features and role-based permissions for different user types; the supported Android app has 5,000+ Google Play downloads.

Selected International Client Engagements

Palpis (Japan) – Pro-video | *Laravel, Vue.js, Inertia.js, MySQL* **February 2023**

- Built a video-selling platform from scratch as part of a 2-member team, addressing the client's need for users to sell, purchase, and affiliate with video content.
- Implemented chunk-based video uploads supporting files up to 2GB and queue processing to handle large uploads more reliably and reduce upload-related processing delays.

Nexus-808 (Japan) – Associate Lead | *WordPress*

- Worked as Associate Lead in a 5-member team supporting WordPress development for an international client engagement.
- Assisted with development work and client-specific customizations, helping deliver website requirements within the team.

Personal Projects

Chatbox | *PHP, Laravel, Vue.js, MySQL* **July 2025**

- Developed a real-time messaging application that allows registered users to connect and communicate through individual conversations.
- Source code: GitHub Repository.

ACSBD Website | *PHP, Laravel, Vue.js, MySQL* **March 2024**

- Developed an e-commerce website for AC Service BD, providing an online platform to showcase products and services.

Task Management System | *PHP, Laravel, Vue.js, MySQL* **January 2024**

- Developed a task management application using Laravel, Vue.js, and MySQL.

Education

Uttara University **January 2019 – January 2023**
Bachelor of Science in Computer Science and Engineering
CGPA: 3.83/4.00 | Class Position: 2nd out of 50

Publications

Md. Sariful Islam, Jubayer Ahmed Shawon, Wahidur Rahman, **Md Ibrahim**, Mohammad Kaiser Ishaque, Md Tusher Ahmad Bappy, Kamrunnahar Mim, and Samia Yasmin, "Deep Learning Approaches for Mango Species Classification: Performance Metrics and Model Comparisons," 2024 27th International Conference on Computer and Information Technology (ICCIT).

Research Experience

Robiul Islam, **Md Ibrahim**, Tanzila Islam, Shamim Ara Sonia, Tanjida Dulon, "Enhancing Bangla Language Next Word Prediction and Sentence Completion through Extended RNN with Bi-LSTM Model On N-gram Language."

Competitive Programming

ACM ICPC Dhaka Regional | *Data Structures and Algorithms* **November 2022**
- Participated in the ACM ICPC Dhaka Regional contest representing Uttara University.

National Collegiate Programming Contest | *Graph, Trees, DSA* **October 2020**
- Participated in the National Collegiate Programming Contest (NCPC), representing the university.

Competitive Programming | *Codeforces, UVA, CodeChef* **April 2019 – Present**
- Solved 1,500+ programming problems using various data structures and algorithms. StopStalk, LeetCode, Toph, LightOJ.
- Participated in 500+ online programming contests and 15 onsite programming contests.

Select Honors and Awards

Dean's Awards **January 2019, 2020, 2021**
- Received the Dean's Award for three academic years for maintaining a CGPA above 3.75.

PreCodeFest – Champion **November 2021**
- Secured first position with team Brain_Not_Found among 20 teams and 60 participants in a programming contest organized by Uttara University.

Joyjatra'50 TechFest **March 2021**
- Received a certificate of appreciation for performance as a participant in Code Platoon at Joyjatra'50 TechFest 2021.

Leadership / Extracurricular

Uttara University **Spring 2022 – Fall 2022**
Vice President, Programming Club *Dhaka*
- Organized programming contests and conducted classes on data structures and algorithms for club members.

Uttara University **Spring 2022 – Fall 2022**
Participant, Binary Fest *Dhaka*
- Won the programming contest and was part of the champion football team at Binary Fest.

References

Name: Kazi Shoukat Hossain Kazi
Designation: Manager – Projects & SQA (Independent Contractor for Apple)
Company: Softzino Technologies
Email: shaownqa@gmail.com
Phone: +8801683352042