MD. KAIUM HASAN AL ASIB
JUNIOR SOFTWARE ENGINEER

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I am a software engineer skilled in **Laravel, React.js, PHP, and C++,** with strong problem-solving experience from ICPC contests and 1000+ solved problems. I focus on clean architecture, API development, and full-stack web applications. Passionate about building scalable systems.

PROFESSIONAL EXPERIENCE

Junior Software Engineer, Uttara University   📅**April 2024 - Present**
- Participating continuous development of **University Management System** using Laravel and MySQL.
- Designed and maintained scalable REST APIs and role-based authentication for admin, faculty, and students.
- Optimized complex queries and database models for performance and accuracy across academic modules.
- Ensured code security through access control and validation mechanisms.

Junior Developer (Part Time), Invasis   📅**Jan 2025 - Jul 2025**
- Built backend for Islamic app "Qadr" with modular features like Quran, Hadith, and Event Management using Laravel
- Collaborated in agile sprints, participating in team planning, code reviews, and testing.
- Delivered REST API integrations for mobile frontend, supporting scalable feature expansion.

EDUCATION

BSc in CSE   📅**Aug 2019 - Oct 2023**
Uttara University
- Grade - 3.69 out of 4.00

PROJECTS

School Management System *Source Code* *Live Link*
- **Tech Stack**: HTML, CSS, JavaScript, jQuery, PHP (Laravel), MySQL, REST API.
- **User Access:** Multi-auth for Admin, Student, Teacher with user-based permissions.
- **Smart Integrations:** ZKTeco device, SMS gateway, finance (dues, salary, reports).
- **Academic Suite**: Results management, complete school workflow.

Qadr Islamic App Backend *Live Link*
- **Tech Stack:** HTML, CSS, JavaScript, jQuery, PHP (Laravel), MySQL, REST API
- **User Access:** Role-based permission system for different user types
- **Smart Integrations:** REST API support for mobile app integration
- **Islamic Suite:** Modules for Quran, Hadith, Talim, Event Management, and more

Portfolio *Source Code* *Live Link*
- **Modern Tech Stack:** Developed using PHP, Laravel, JavaScript, React, MySQL, and RESTful APIs.
- **Comprehensive Web Portal:** Includes dynamic sections for personal information, blog, case studies, and contact.
- **Features:** Integrated AI APIs for job analysis and intelligent profile matching.
- **Optimization:** Implements Redis caching to enhance performance and user experience.

COMPETITIVE PROGRAMMING

- Solved over 1000 problems across platforms like **Codeforces**, **LeetCode**, **Codechecf** etc, developing deep expertise in algorithms, data structures, and time-efficient coding.
- Competed in national and regional contests including **ICPC Regionals, IUPC**, gaining real-world experience in high-pressure, time-bound coding environments.
- Served as a key member in programming teams during university, strategizing collaboratively during onsite contests and improving group problem-solving skills.

SKILLS

- **Languages:** PHP, JavaScript, C/C++
- **Frontend:** HTML, CSS, Bootstrap, React.js
- **Backend & Frameworks:** Laravel, RESTful API Development
- **Database:** MySQL
- **Tools:** Git, GitHub, Postman, VS Code, PhpStorm
- **Concepts:** OOP, MVC, DBMS, Authentication (JWT/Session), Modular Architecture
- **Development Practices:** Agile/Scrum, Code Reviews, Clean Code, Unit Testing