Md Nafiz Al Ifat

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PERSONAL SUMMARY

Full-Stack Software Engineer (7+ years) with expertise in **Laravel, Vue.js, React, CSS and REST/GraphQL APIs**. Skilled in building scalable web applications, migrating legacy systems to **modern microservices**, and integrating **AI-powered solutions**. Experienced across **frontend design (Vue, React, Tailwind)** and **backend architecture (PHP/Laravel, MySQL, Docker, CI/CD)**. Recognized for delivering **high-impact products** such as microfinance ERP platforms. Seeking opportunities to apply strong UI/UX sense, API security expertise, cloud deployment experience, and AI-driven development to build innovative, user-focused applications.

SKILLS & KNOWLEDGE

Languages & Backend: PHP (Expert), Java (Advanced), JavaScript (Advanced), HTML/CSS, jQuery

Frameworks & Libraries: Laravel, CodeIgniter, Spring Boot, Vue.js(Advanced), React.js, Nest (basic), WordPress

Databases: MySQL (Expert), PostgreSQL, Redis, GraphQL, NoSQL

Cloud & DevOps: Docker, Jenkins, GitHub Actions, Kubernetes, AWS , CI/CD, Microservices, REST APIs, OAuth2/JWT

Testing & Quality: PHPUnit, Unit/Integration/Performance Testing, Debugging, Optimization, E2E, SEO

Collaboration & Methods: Agile, Code Reviews, WCAG 2.1 Accessibility, Mob/Pair Programming, TDD

AI/LLM Integrations: OpenAI GPT-3.5/4 APIs, Prompt Engineering, Parameter Tuning, Caching, Fine-Tuning

PROFESSIONAL EXPERIENCE

Graduate Teaching Assistant   *January 2024–April 2025*
Western University, London, Ontario

- Supported undergraduate computer science courses with technical and instructional assistance.
- Collaborated with faculty to improve course delivery and student engagement.
- Mentored students on RESTful APIs, modular design, and testing best practices.

Software Engineer (Microfin360)   *January 2020–November 2023*
DataSoft Systems Bangladesh Limited, Dhaka, Bangladesh
Projects: Microfin360 (microfinance web application), Microfin360 Mobile App, Audit360

- Took sole ownership of feature cycles from planning to deployment, contributing to sprint reviews and retrospectives in an Agile environment.
- Migrated core modules from PHP monolith to Dockerized microservices, reducing deployment time by 65%.
- Designed 25+ REST APIs with auth and rate limiting, lowering error rates by 40%.
- Optimized MySQL queries, improving p95 latency from 850ms → 280ms and cutting DB CPU usage 30%.
- Built reusable Vue.js/React components integrated with APIs, increasing feature delivery speed 25%.
- Established unit/integration tests reaching 75% coverage on key services, reducing regressions by 35%.
- Mentored three junior developers by conducting code reviews, enforcing best practices, and leading knowledge-sharing sessions to improve overall code reliability and maintainability.

Software Developer   *October 2016–December 2019*
DataSoft Systems Bangladesh Limited, Dhaka, Bangladesh
Projects: Microfin360 (microfinance web application)

- Developed backend modules in PHP (CodeIgniter) with optimized SQL queries, improving transaction processing speed 20%.
- Built reusable UI libraries with CSS/jQuery, reducing frontend delivery time by 15%.
- Helped facilitate knowledge-sharing sessions across the dev team, improving onboarding and collaboration.

EDUCATION

Master's in Computer Science   *January 2024–April 2025*

Western University, London, Ontario

Relevant courses

- Directed Study about "Developing secure APIs for CI/CD pipelines"
- Design Principles & Usability Testing
- Accessibility Evaluation & Research Planning
- Software Architecture & Agile Development

Bachelor's Degree of Science in Software Engineering   *October 2012–December 2017*

American International University- Bangladesh (AIUB), Dhaka, Bangladesh

PROJECT

- **FIFA World Cup Hub** — *Full-Stack Web Application*
  1. Built an interactive platform to explore FIFA World Cup history, fixtures, and records with a **real-time AI chat assistant** powered by OpenAI.
  2. Developed **Vue 3 + Tailwind CSS frontend** with responsive design, countdown timer, and chat interface.
  3. Implemented **Laravel backend** with secure REST APIs, database migrations, and integration of OpenAI's Chat Completions API.

  GitHub Repository

- **Figma Project :**
  1. Steam app Redesign : Report Link
     Redesigned the Steam desktop interface using Figma to improve user navigation, layout consistency, and visual hierarchy. Focused on UI/UX heuristics and prototyped full user flows.

  2. Western Student Center Course Registration Redesign : Report Link
     Reimagined the course registration workflow for Western University using Figma. Improved usability and reduced user friction by redesigning key registration steps with accessible layouts.

- **Portfolio Website**
  Developing a full-stack portfolio using React.js and CI/CD via GitHub Actions.
  GitHub Repository

- **Khelapora:**
  Built a dynamic PHP (CodeIgniter) code website with a secure admin panel, role-based access control, and content management via a user-friendly dashboard.
  GitHub Repository

LICENSES & CERTIFICATIONS

- **Progressive Web App with JavaScript: Make a Scavenger PWA** Issued by Coursera
- **React Basics** Issued by Meta
- **Fundamentals of VueJS** Issued by board infinity
- **Build a Full Website using WordPress** Issued by Coursera