

# Md Nafiz Al Ifat

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## PERSONAL SUMMARY

**Full Stack Software Engineer (7+ years)** with expertise in **Laravel, Vue.js, React, 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, React.js, WordPress

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

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

**Testing & Quality:** PHPUnit, Jest, Unit/Integration/Performance Testing, Debugging, Optimization

**Collaboration & Methods:** Agile/Scrum, Code Reviews, WCAG 2.1 Accessibility

**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

- Migrated core lending and transaction modules from PHP monolith to **Laravel microservices**, reducing deployment time by 65% and enabling weekly releases.
- Designed and secured **25+ REST APIs** (including payment gateway integrations), reducing API error rates by **40%** while supporting **100K+ daily requests**.
- Optimized **MySQL queries** for financial transactions, cutting p95 latency from **850ms → 280ms** and reducing DB CPU usage by **30%**.
- Built responsive Vue.js components integrated with Laravel APIs, improving usability across low-bandwidth environments.
- Mentored 3 junior developers, enforcing coding standards and decreasing post-release defects by **28%**.

### Software Developer

October 2016–December 2019

DataSoft Systems Bangladesh Limited, Dhaka, Bangladesh

**Projects:** Microfin360 (microfinance web application)

- Optimized PHP (CodeIgniter) modules with SQL tuning, boosting transaction speed **20%**.
- Built reusable UI libraries, cutting frontend delivery time **15%**.
- Partnered with UX to streamline navigation and improve consistency.
- Delivered key modules on time through Agile sprints and Git workflows.

## EDUCATION

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### Master's in Computer Science

Western University, London, Ontario

Relevant courses

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

January 2024–April 2025

### Bachelor's Degree of Science in Software Engineering

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

October 2012–December 2017

## PROJECT

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- **FIFA World Cup Hub** — *Full-Stack Web Application (In progress)*

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

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- [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