

# Md Nafiz Al Ifat

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## Software Engineer

Full-stack developer with 7+ years of experience in building scalable applications using **Java, PHP (Laravel)**, and modern frontend tools like **Vue.js and React**. Recently completed a **Master's in Computer Science at Western University**, with intensive focus on **software architecture, design patterns**, and **UI/UX design principles**. Experienced in microservices architecture, CI/CD pipelines, Agile environments, and working in **CMMI Level 5** software delivery standards. **Currently learning AWS (EC2, S3, IAM) through guided practice and personal portfolio projects** to strengthen cloud deployment skills. Known for quickly understanding existing systems and contributing effectively to both legacy and modern codebases.

## SKILLS & KNOWLEDGE

### Languages & Backend Development

- **Expert:** PHP, CSS, HTML, jQuery
- **Advanced:** Java, JavaScript

### Frameworks & Libraries

- **Proficiency:** Vue.js, CodeIgniter, Laravel
- **Advanced:** Java Spring Boot, React.js, Vuex, Vue-CL

### Databases

- **Expert:** MySQL
- **Working Knowledge:** PostgreSQL, Redis, GraphQL

### Architecture & DevOps

- **Advanced:** REST APIs, Microservices, MVC, Service-Oriented Architecture, Scalable Systems, CI/CD Pipelines
- **Basic:** Docker, Kubernetes, Jenkins, RabbitMQ, AWS

### Cloud & Tools

- **Basic:** Git, GitHub, VS Code, XAMPP, Postman, Azure, Visual Studio, AWS(EC2, S3, IAM)

### Testing & Optimization

- **Advanced:** Unit Testing, Integration Testing, Functional Testing, Performance Testing, Debugging, Optimization

### Work Practices

- Agile (Scrum, Sprint Planning, Retrospectives), Peer Code Reviews, Cross-Functional Collaboration

### Languages

**English:** Professional Working Proficiency

## 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*

- Built complex frontend applications using **Vue.js, Vuex**, and reusable component-based architecture.
- Developed backend APIs using **Laravel (PHP 8)** and integrated with **MySQL/SQL Server**.
- Applied **MVC architectural patterns** and **SOLID principles** for scalable and maintainable codebases.
- Used **Redis** for caching, PHPUnit for testing, and Git/GitHub for version control.
- Automated CI/CD pipelines with **Jenkins, Docker**, and GitHub Actions.
- Created deployment docs, test plans, and participated in Agile ceremonies and code reviews.

PROFESSIONAL EXPERIENCE, CONTINUED

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**Software Developer**

January 2017–December 2019

DataSoft Systems Bangladesh Limited, Dhaka, Bangladesh

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

- Built backend modules using **PHP** (CodeIgniter) and optimized **SQL**; developed frontend using **CSS** and **jQuery**
- Ensured cross-browser compatibility and worked closely with front-end developers.
- Built REST APIs and frontend features with **Vue.js** and **React**, ensuring scalability and performance.
- Applied **SOLID principles** to write reusable code and component libraries for scalable development
- Managed source code with Git and coordinated in sprint-based **Agile** workflows.
- Followed DevOps practices for environment management and release cycles.

**Internship**

October 2016–December 2016

DataSoft Systems Bangladesh Limited, Dhaka, Bangladesh

**Projects:** *Heath Insurance software*

- Built full-stack modules using PHP and HTML
- Provided technical support and resolved product issues..

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**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

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**LICENSES & CERTIFICATIONS**

- **Prepare Data for Exploration (XWJYUBQREMJ2)** Google Issued in March 2024
- **Ask Questions to Make Data-Driven Decisions (3SMZ8RMPVRTN)** Google Issued in June 2023
- **Foundations: Data, Data, everywhere (L9UH6GSDZXSQ)** Google Issued in January 2023

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**PROJECT**

- **Figma Project :**
  1. Steam app Redesign : [Link](#)
  2. Western Student Center Course Registration Redesign : [Link](#)
- **Portfolio Website (In Progress)– [Website Link](#)**

A full-stack developer portfolio built using Laravel and React.js to showcase professional projects, skills, and achievements. Includes an admin panel to dynamically update project details, manage contact information, and control visibility of content. Currently integrating AWS S3 for image and file storage, with plans to deploy the site on EC2 using GitHub Actions for CI/CD.

GitHub: [Link](#)