

Md. Safaet

Software Developer | Full-Stack Development | AI/ML

Dhaka, Bangladesh

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Professional Summary

Software developer with experience building full-stack, database-driven applications using Laravel, React, Next.js, and RESTful APIs. Experienced in backend development, authentication, API integration, and relational databases across HRM, restaurant management, and e-commerce systems. Academic experience applying statistical learning, machine learning, deep learning, and multimodal fusion to real-world prediction and medical-image classification problems.

Technical Skills

Programming: PHP, JavaScript, TypeScript, Python, Java, SQL, HTML, CSS

Frameworks and Libraries: Laravel, React, Next.js

Backend and Databases: RESTful APIs, MVC, MySQL, SQL Server

AI and Machine Learning: Machine Learning, Deep Learning, Statistical Modeling, Multimodal Fusion, Data Preprocessing, Model Evaluation

Generative AI: Large Language Models (LLMs), Prompt Engineering, Retrieval-Augmented Generation (RAG), Embeddings, Vector Search, AI Chatbots, langchain framework

Tools and Platforms: Git, CI/CD, VS Code, Linux, Windows, claude code CLI

Work Experience

Agni Systems PLC

Jul 2026 – Present

Junior Software Developer

- Develop backend applications and RESTful APIs using Laravel.
- Integrate Laravel APIs with React and Next.js frontends for full-stack features.
- Build and maintain database-backed application components with a focus on scalability and clean API design.

Apptriangle Limited

Feb 2025 – Jul 2026

Junior Software Engineer

- Developed and maintained Laravel web applications following MVC architecture.
- Built RESTful APIs and collaborated with frontend developers to integrate React interfaces.
- Contributed to end-to-end delivery of restaurant management, HRM, and e-commerce systems.
- Developed AI-chatbot features and integrated LLM services with Laravel backends and React-based user interfaces through RESTful APIs.
- Designed and developed an agentic RAG-based chatbot that translates user goals into executable actions through intelligent tool calling, contextual reasoning, and dynamic context management, enabling accurate and task-oriented AI interactions.
- Implemented backend endpoints for chat requests, conversation context, retrieved content, and structured AI responses consumed by frontend applications.
- Applied prompt engineering and response-handling logic to improve answer relevance and manage invalid or incomplete chatbot responses.

EDOTCO Bangladesh Co. Ltd.

Internship

Intern, Energy Operations Department

- Analyzed site-level electricity billing and consumption data using system-generated reports.
- Prepared customized electronic billing files based on customer requirements.

Red Dot Digital Limited

Internship

Intern Software Developer

- Supported web application development and backend implementation.
- Collaborated with developers using established software-development workflows.

Education

Master of Science in Computer Science

2024 – 2025

American International University-Bangladesh

CGPA: 3.08/4.00

Bachelor of Science in Computer Science and Engineering

2018 – 2023

American International University-Bangladesh

CGPA: 3.25/4.00

Higher Secondary Certificate

2017

Dhaka Megacity College

GPA: 4.50/5.00

Secondary School Certificate

2015

Selected AI and Machine Learning Projects

Generative AI Blog Application with Laravel 12

- Developed a Generative AI-powered blog application using Laravel 12.
- Integrated AI-assisted title and blog-description generation to streamline content creation.
- Implemented automatic SEO meta-tag generation based on blog content to improve content discoverability and reduce manual work.

Predicting Post-Injury Performance Decline in Professional Footballers

University Project

- Developed a data-driven approach to predict changes in professional footballers' post-injury performance using historical match-rating data.
- Applied statistical analysis and machine learning models to compare pre-injury and post-injury performance patterns and identify indicators of performance decline.
- Evaluated model predictions to study the relationship between injury events and subsequent match performance.

Deep Learning-Driven Multimodal Fusion for Skin Cancer Detection

University Project

- Developed a deep-learning approach for skin cancer detection using multimodal fusion of medical-image and related patient information.
- Preprocessed heterogeneous inputs and combined learned features to support classification.
- Assessed model performance using standard classification evaluation methods and analyzed the value of combining multiple data modalities.

Reference

Md. Moshiur Rahman

Director, Apptriangle Limited

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