

ABU SUFIUN

Full Stack Developer: Laravel & React

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SUMMARY

I am an expert in RESTful APIs, Laravel, and React, with a deep understanding of database management systems, including complex queries and database design. I excel in managing intricate and complex projects, as well as deploying projects from scratch. I possess in-depth knowledge of programming and problem-solving, and have experience as a Developer, Instructor, and Researcher. Additionally, I am proficient in AI and Machine Learning.

SKILLS

RESTful API, Laravel, React, Bootstrap, Tailwind CSS, MS-SQL, Oracle, My-SQL, OOP, PHP, JavaScript, C, AI, ML

EXPERIENCE

Mid-Level Laravel Developer

[Hop Lun](#)

May 2023 - Present, ST Tower, East Gazipura, Dhaka

- Top leading multinational R&D company based in Hong Kong. Since 1992.
- Implementing business and production analysis applications & ERP systems to increase company efficiency.
- Maintain server to deploy application and databases also Integrate different types of scanning device with ERP system.
- Conducted thorough testing and troubleshooting to ensure seamless functionality of applications and systems.
- Collaborated with multiple departments, including planning, production, merchandising, sewing, cutting, packing, ticketing, GGT, warehouse, HR, and sampling, to develop their software needs.

Lecturer - Department of Computer Science and Engineering

[Daffodil International University](#)

June 2022 -May 2023, Ashulia, Dhaka

- Take courses OOP, C programming, Database, Web Development, Application Development.
- Programming & Problem-Solving Lab-in-charge conducts different types of programming contest.
- Conducting classes and implementing Object-Based Education system also developer member of online- learning system.
- Published high impact full research papers and Advising students and conducting research.

PROJECTS

[Project Management System](#)

May 2024 - May 2024, Hop Lun Bangladesh

Technology uses React for the frontend and a Laravel RESTful API for the backend. Implemented user registration and login using Laravel Sanctum for secure API authentication.

- Enabled users to create projects, assign priority levels, and set status labels.
- Each project supports multiple tasks, which can be assigned to different users.
- The project list includes a summary of the total number of tasks and the number of completed tasks.
- Added search functionality for projects and tasks, with pagination and robust error handling for a fast and smooth user experience.

[Style Analysis Efficient Swingline Planning](#)

January 2024 -May 2024, Hop Lun Global

Technology uses Laravel, Bootstrap, JavaScript, MS-SQL, with optimal cash management to reduce API call and make faster the application.

- Similarity Analysis Between different swing styles and process also machine change over and generate auto planning for swing line.
- Increase Full production efficiency 30-45%, by make stable the efficiency - target curve
- Optimal production line loading sequences and swing planning through style matching results in enhanced productivity and output.
- Optimize the allocation of resources, including machinery and manpower, by effectively planning production loads based on style matching matrices.

Multi Store Inventory Management System

May 2023 - July 2023, Hop Lun Bangladesh

Technology use Object-oriented PHP, Bootstrap framework, AJAX, and JavaScript for database use MS-Sql.

- That can handle multiple Database - factory sub-stores inventory from one application.
- Different level authorization and authentication level
- Keep track buy and sell price and lot numbers and return policy
- generate finance report employee, department, stores and companies

Logistics Management Systems

September 2023 - December 2023, Hop Lun Bangladesh

Technology use with Laravel, MS-SQL, IIS, Bootstrap

- keep track of cost and available balance and shipment. To calculate factory cost and budget.
- maintain the commercial, audit, CAPEX, Banks TT Balance reports maintain huge amount data with yajra-datatable

EDUCATION

Bs.c. in Computer Science and Engineering (2017- 2021)

Daffodil International University

CGPA: 3.80 in the scale of 4

Higher Secondary School Certificate (2014-2016)

Major General Mahmudul Hasan Adarsha College

CGPA: 4.92 in the scale of 5

Secondary School Certificate (2012-2014)

Dighulia Shahid Mizanur Rahman High School

CGPA: 5.00 in the scale of 5

PUBLICATION

[An AIoT-based hydroponic system for crop recommendation and nutrient parameter monitorization](#) Q1 Elsevier journal - Smart Agricultural Technology Volume 8, August 2024, 100472

[Exploring the Relationship between Cardiac Disease and Patterns of 12-Lead Ecg Through Neural Network: A Comprehensive Review](#) Heliyon Journal -
SSRN:<http://dx.doi.org/10.2139/ssrn.4464737>

[A Novel Approach of CNN Patterns Extraction for Bangla Handwriting to Bangla Braille Notation](#) International Journal of Engineering Advanced Research, [S.l.], v. 3, n. 3, p. 1-15, dec. 2021. ISSN 2710-7167.

[Automatic Bengali Number Plate Detection and Authentication using YOLO -V4 and YOLO-V5](#) International Conference on Computer and Information Technology (ICCIIT) (pp. 1-6). IEEE.

REFERENCE

Dr. S.M. Aminul Haque

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Daffodil International University, Bangladesh
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CERTIFICATION

Building Database Applications in PHP

University of Michigan • 2022

- Configure different Database connection with PHP

System Administration and IT

google Coursera • 2022

- Windows server and domain synchronization

Database Management Essentials

University of Colorado System • 2022

- Complex query and database design

TRANING

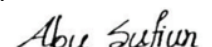
Business Analysis & Process Management (Jul 23 - Aug 23)
Hop Lun Apparel Limited - ST Tower, East Gazipura
• RND Company's business policies and leverage ERP modules to optimize production

Project Design and Management Course Outline (Jun 22 - Jul 22)
Daffodil International University - Ashulia, Dhaka
• Enhancing the Learning Curve in Project and Team Management

Teaching Apprentice Fellowship (Jan 20 - Aug 21)
Daffodil International University - Ashulia, Dhaka
• Mentorship & Leadership Development of students.

DECLARATION

I certify that the above information is true and accurate to the best of my knowledge. I acknowledge that providing false information may result in disqualification from any benefits.


Signature...