

MD SHAKIL HOSSEN

Software Specialist with over 5 years of experience

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 Dhaka, Bangladesh



SUMMARY

Experienced Software Engineer with 5+ years of expertise in building scalable web applications and software solutions. Proficient in **Laravel**, **CodeIgniter**, **PHP**, **JavaScript**, **MySQL**, and **APIs**, with a proven track record in developing systems for billing, customer relationship management, and hotel management. Skilled in designing modular architectures, optimizing database performance, and integrating third-party services. Adept at delivering user-friendly interfaces with responsive designs using **Bootstrap** and ensuring secure, efficient backend processes. Currently contributing to impactful projects at **SSL Wireless Ltd**, driving innovation and business success.

EXPERIENCE

Software Specialist

SSL Wireless

 07/2023 - Present

 Eskaton, Dhaka

Key Responsibilities:

- Software Development & Maintenance:** Designed, developed, and maintained software solutions, including web applications, APIs, and backend services, using **Laravel**, **JavaScript**, **MySQL**, and other technologies to support the company's various business functions.
- API Integrations:** Integrated multiple third-party APIs for payment systems, client interactions, and transaction management, streamlining operations and enhancing service offerings.
- Database Management:** Managed and optimized databases to ensure efficient data storage, retrieval, and reporting. Utilized techniques such as database indexing, query optimization, and replication to meet business requirements.
- Team Collaboration:** Worked closely with cross-functional teams (including frontend developers, project managers, and QA engineers) to deliver robust, scalable solutions while ensuring the software met both user requirements and performance standards.
- Automation & Reporting:** Developed automated workflows for data processing, reporting, and notifications, enhancing internal processes and reducing manual effort.
- Version Control:** Utilized version control tools like **Git** for code management, facilitating efficient team collaboration and seamless deployment processes.

PHP Developer

bdtask

 12/2020 - 07/2023

 Khilkhet, Dhaka.

Working as a **PHP Developer**, specializing in backend and full-stack development


- Developing projects using PHP frameworks** such as **CodeIgniter** and **Laravel**.
- Utilizing technologies like **JavaScript**, **jQuery**, **HTML**, **CSS**, **Bootstrap**, and **MySQL** for building robust applications.
- Contributed to in-house and client products** as both a **core developer** and a **team member**, ensuring high-quality deliverables.
- Experienced in developing systems** for **E-commerce**, **Hotel Management**, **ERP**, **Accounting**, **HRM**, and other business solutions.

SKILLS

PHP	Laravel	Codeigniter	
Api Development		Api Integration	
Database	Mysql	Docker	Github
Gitlab	Jira	HTML	CSS
Bootstrap	JavaScript	jQuery	
VS Code	Windows	Ubuntu	

PROJECTS

Email Summarizer

 11/2024 - Present

Tech Stack: Laravel, RESTful API, MySQL, Composer, IMAP

Description: A web-based email management system designed to automate email retrieval, storage, and processing using RESTful APIs and IMAP integration, ensuring efficient handling of large-scale email data.

- Integrated **third-party APIs** (IMAP) for automated email retrieval and storage.
- Developed **RESTful APIs** to streamline data transfer and storage processes.
- Enhanced database performance for large-scale email data using **optimized queries** and **Eloquent ORM**.

SSL Billing

 07/2023 - Present

Tech Stack: Laravel, Blade Template, JavaScript, jQuery, MySQL

Description: A web-based system designed to automate billing operations with user and admin panels for managing invoices, payments, client accounts, reporting, and more.

- Designed and developed a **scalable billing system** to manage **high transaction volumes** efficiently.
- Implemented **data reporting** with advanced filtering using Laravel **Ajax**.
- Optimized performance, achieving **30% faster data processing** through query optimization and caching.
- Ensured real-time **synchronization** with third-party platforms using **Firebase** and **cron jobs**.

EXPERIENCE

Software Engineer

Pine Solutions Limited

📅 11/2019 - 09/2020 📍 Banani, Dhaka

Worked as a **Software Engineer**, integrating dynamic APIs and developing custom modules for enterprise resource planning (ERP) systems.

- **Engineered SMS Mama**, a custom solution for small vendor users, enabling easy communication and business management.
- **Optimized customer account management (AM)** and reporting systems, improving client insights and data-driven decision-making.
- **Implemented balance calculation mechanisms** and integrated merchant APIs, streamlining payment processing and financial operations.

Junior Programmer

Colour Consultancy

📅 02/2019 - 11/2019 📍 house#35, goriber newaj road, setor11, Uttara

Worked as a **Junior Programmer**, gaining foundational experience in software development.

- **Developed and maintained applications** using the **Laravel framework**.
- Specialized in **Order and Due Management systems**, ensuring accurate tracking and processing.

EDUCATION

Bachelor's degree, Computer Science and Engineering

International University of Business Agriculture and Technology

📅 01/2014 - 01/2018

Science

Afaz Uddin School and College

📅 01/2010 - 01/2011

PROJECTS

Xain Hotel Management

📅 2021 - 06/2023

Tech Stack: PHP (CodeIgniter, HMVC), JavaScript, jQuery, MySQL, HTML, CSS, Bootstrap

Description: A web-based system to automate hotel operations with user and admin panels for managing reservations, customers, accounting, HR, and more.

- **Designed and developed a comprehensive hotel management system** with **modular architecture (HMVC)** to streamline **daily operations**.
- Built **core modules** for **reservations, accounting, HR, customer management, restaurant, and laundry services**.
- **Integrated APIs** for **payment gateways** and **third-party notifications**.
- **Optimized database performance**, achieving **faster data retrieval** through **indexing** and **query optimization**.
- Developed a **responsive UI** using **Bootstrap 4**, ensuring **cross-device compatibility**.
- **Implemented role-based access control** for **secure** and **efficient user management**.
- Automated **reporting** and **real-time dashboards** for **enhanced administrative control**.

CRM - Customer Relationship Management

📅 01/2022 - 05/2022

Tech Stack: Laravel, JavaScript, jQuery, AJAX, HTML, CSS, Bootstrap, MySQL.

Description: A CRM system that streamlines customer interactions, manages data, tracks sales, and integrates with social media platforms like Facebook for data collection.

- **Integrated social media data collection**, allowing businesses to **gather customer data directly from Facebook**.
- **Lead and customer management**, enabling seamless tracking of customer interactions and sales activities.
- Developed a **customizable dashboard** to monitor and analyze key metrics in real time.
- **Automated workflows** for improved efficiency in communication and follow-ups.
- Built a **secure and scalable backend** using Laravel and MySQL for storing and managing customer data.