

Syeda Tasneem Rummy

Full-Stack Web Applications Developer

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More than 10 years' experience in developing and deploying robust scalable business process applications using enterprise ready PHP frameworks like Laravel and Symfony with PostgreSQL and Azure cloud technologies with strong background and object-oriented programming and security.

Skills:

Languages and Frameworks: **PHP 8.4 (Laravel 12, Symfony 8, Slim 4, ArtWeb 2)**, JavaScript (jQuery, React), Python, HTML5, CSS3, Java (Spring Boot 4).

Database: **PostgreSQL**, MySQL / MariaDB, SQLite, H2DB.

Tools and OS: Docker, **Linux (Debian and Ubuntu)**, JMeter, Selenium, Apache, Postman.

Cloud and deployment: AWS (Lambda, API, EC2, RDS, S3), Azure (VMs, Functions, ACI, Managed SQL), **Git**, GitHub Actions.

Education:

- Master of Science in Global Software Development, Overall, 2.9
Fulda University of Applied Sciences Fulda, Germany. Graduated: 2025
- Bachelor of Science in Computer Science and Engineering
Jahangirnagar University Dhaka, Bangladesh. Graduated: 2009

Professional Experience:

- Backend Software Developer, OB/CC GmbH & Co. KG (obcc.de), Fulda, Germany
Duration: 06.2022 - 11.2022
 - Developed features and bugfixes for the core back-end business logic.
 - Designed and implemented secure REST APIs.
 - Designed, initiated, and developed features for a project, BP-Files to manage custom files of a file system categorizing them per user group and their permissions for viewing and downloading.**Tech Stack:** PHP-Laravel, jQuery, MySQL, PostgreSQL
- Software Engineer, ASA IT (asa.org.bd), Dhaka, Bangladesh
Duration: 01.2014 - 02.2019
 - Developed core back-end business logic for data processing of bank loans in the model layer.
 - Designed and optimized databases for various projects leading to accelerated faster data retrieval rate.
 - Wrote test plans and developed automated tests based on test plans.

Tech Stack: PHP-Laravel, PHP-Symfony, Python, PostgreSQL, MSSQL

- Software Engineer, ArticulatedLogic (articulatedlogic.com), Dhaka Bangladesh
Duration: 09.2013 - 08.2014
 - Developed prototypes with HTML, CSS, and JavaScript for complex client projects.
 - Built many small business websites.**Tech Stack:** PHP-Laravel, PHP-ArtWeb, MySQL, MSSQL
- Software Engineer, Bit Mascot Pvt. Ltd. (bitmascot.com), Dhaka Bangladesh
Duration: 09.2011 - 03.2013
 - Developed web applications and fixed bugs for enterprise finance software.
 - Tested and optimized interfaces for multiple browsers and devices.
 - Actively participated scrum teams and agile methodologies to accelerate development.**Tech Stack:** Python-Django, PHP-ArtWeb, MySQL, PHPUnit, Selenium

Projects:

- Medilog: Using PHP/Laravel 8, MySQL, Bootstrap, jQuery and Custom CSS
An enterprise application for managing compliance rules for emergency first aid services for corporate customers of OB/CC GmbH & Co. KG (obcc.de), Fulda, Germany.
- ConveyLive.com (github.com/aazhbd/cl_com_2009) Using PHP 5, MySQL, Smarty, jQuery
Worked on this project at ArticulatedLogic.com to integrate several third-party software including Flowplayer, FckEditor, TinyMCE, SwiftMailer, OpenInviter and Smarty Template Engine. Designed class library for image size manipulation, email sending and storage in database, database wrapper class to access PDO library feature in PHP, pagination, and some other library functions for file system manipulation and application specific feature requirement.
- WebCommander (<http://www.webcommander.com/>) Using PHP 5, jQuery and Custom CSS
A web-based e-commerce content management system with capability to customize and manage large and comprehensive E-Commerce businesses and at the same time it has sophisticated features to design and maintain simple and elegant DIY websites.
- TasklistApp (github.com/strumy/TasklistApp), PHP 8.4/Laravel 12, React 19, Debian 12
- ExpenseManager (github.com/strumy/expense-manager), PHP 8.4/Laravel 12, Bootstrap, Material UI, Debian 12.
- HadADream (github.com/aazhbd/hadadream) Using PHP 7.4 Laravel, MySQL
- Email Marketing Management (github.com/aazhbd/email_marketing) Python-Django, SQLite, Bootstrap, Material UI, jQuery.

Thesis:

Performance analysis of **Spring Boot framework** using **Kotlin** with different databases including **PostgreSQL, MySQL, H2DB**. Master thesis was aimed to explore and analyze the objective performance of commonly used database operations for various database technologies, so that

the right choice can be made according to application requirements. In this thesis, a method was developed to verify common usage of the database engines integrating with Spring Boot framework to objectively collect information for performance analysis. Supervised by: Prof. Dr. Cathrin Möller, Prof. Dr. Christoph Scheich, HS Fulda

References:

Prof. Dr. Cathrin Möller

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Prof. Dr. Christoph Scheich

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