

MOHAMMAD ASHRAFUDDIN FERDOUSI

Polyglot Software Engineer. 10+ years experience in web domain. Expert on Laravel, Vuejs, Mysql.

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EXPERIENCE



FREELANCE SOFTWARE
ENGINEER
Dec 2020-Present

DATA DRIVEN WEBSITE, DHAKA BANGLADESH

Developed a CMS based on Laravel framework not only to serve common CMS features but also a performant and scalable solution for corporate branding. Batteries included: database driven SEO tools based on schema.org. Endless depth for categories, sub-categories and menus, submenus. Asset management system integration for CMS. GTM integration to measure Audience attachment, Conversion and other analytical reports so that decision can be made based on measurement for business growth. Project Enquiry application integration to increase customer engagement.

SOFTWARE ENGINEER
TEAM LEAD
Apr 2019 - Nov 2020

COMPUTER NETWORK SYSTEMS LIMITED, DHAKA BANGLADESH

Contributed as one of the team leads for a 3,000,000.00 (Three million) USD valuation project. The project is "Consolidation, Integration and Upgradation of CPAs Existing ICT based facilities/system". I actively manage a team of Software(Laravel experts) and Database Engineers and actively participate to design the solution of six modules from . Those are: Personnel Information Management System, Online Recruitment System, Providend Fund, Pension and Loan Management System, Electricity and Water Billing, Incident Management System, Watchman Management System. I also integrate php SOAP api with Oracle BI publisher for reporting and it really makes the complex reporting system easier than ever! Even other projects are influenced by this solution and they are also integrating this solution for their project. Now, the company is considering this as de-facto for reporting!

SOFTWARE ENGINEER
May 2012 - Jan 2018

CODEMATE LIMITED, DHAKA BANGLADESH

Codemate Limited is a multi-national creative-tech company with roots in Finland. I worked as a Software Engineer here at Bangladesh development team office.

I was a part of a ERP development team for a client of Codemate which developed on top of Symfony2 framework. I contributed to Administration and Billing module. The administration module was responsible to manage auth part as-usual and the billing module was for shared billing, partial billing for renting things.

Edita Prima Publishing company is well-known in Finland and Europe. They have multiple projects to convert their publishing business to internet. I was active team member of those projects like credita, edilex and e-gate. I worked with full-text search feature in Oracle db with help of xml libraries. I am also assigned for saving search results for users and managing paid newsletter service for paid subscribers.

Ukko.fi is another very much successful project where I involved. They provide tax calculation service for lightweight entrepreneurs in Finland. They can be individual freelancers or small companies. Whenever they generate expense or travel cost invoices for work the application calculates the tax by country law and based on the document user submits. The idea was nice and effective for the business. But they come to us at eleventh period when the business seriously struggles to survive just because of their bad web application. We go through the system and suggest what we will do for their improvement based on priority. We also suggest them about short-term and mid-term plan. Based on that the long term can be decided later. They agree and the result is when we handover the project they are not only the profitable business, they also expand their business in multiple countries like Sweden, Russia, Ethiopia!



- [Data Driven Website - Excellence comes from care](#)

Tools used: Laravel 8, Vuejs 2, Bootstrap 5, MySQL, Feature test-case, Opensource solutions, jQuery Datatable for vuejs, Layered architecture, Thin Controller, Thin Model, php 8, javascript, git, github.

Developed Features: Project Enquiry app mgmt., Asset Library mgmt., Unlimited depth Category mgmt.(drag&drop), Unlimited depth Menu Item mgmt.(drag&drop), Post mgmt., GTM mgmt., Sitemap generator.

Benefits: This project represents the service to its clients. Also, client can inform about their vision and project details via project enquiry app.

- [Era Infotech Bd Limited - end to end IT Solution Provider](#)

Tools used: Laravel 8, Vuejs 2, Bootstrap 5, MySQL, Feature test-case, Opensource solutions, jQuery Datatable for vuejs, Layered architecture, Thin Controller, Thin Model, php 7.4, ECMAScript 2015, git, github.

Developed Features: Front-page mgmt., Cache mgmt., Page mgmt., Event mgmt., Asset Library mgmt., N-depth of Menu Item mgmt.

Benefits: Customer requirements was to brand their service with a Custom build CMS which has performant, scaling features with very specified requirements provided by them. It should have very easy to use admin panel. Currently they are happy with it and asking for some more paid features!

- [Ukko.fi - Tax solution for lightweight Entrepreneurship](#)

Tools used: Zend Framework 2, Symfony components, Doctrine 2.3 components, MySQL, php, Feature test with robot framework, jenkins and ant, jQuery, javascript, Bootstrap 4, Server-side pipeline solution with jQuery datatable, Code refactoring, Solution design, Thin Model, php 7, git, github, jira, Agile, SCRUM.

Developed Features: Expense form re-write, Travel cost form, tax chart generation, pull tax according to tax chart, Fetch Expense and Travel cost information from documents using OCR service, Admin module bug fixes.

Benefits: The existing project was running in survival mode and business was almost dying! But after 2 years of development with us, it expands its business in 2-3 more countries and brand themselves as a valuable solution to clients!

- [Edilex\(Project of Edita Prima\) - Finland's leading legal information service for professionals](#)

Tools used: Zend Framework, Symfony components, Doctrine 2.3 components, Oracle, php, jenkins and ant, jQuery, javascript, Bootstrap 4, Clean code, Team work, Solution design, git, github, jira, Agile, SCRUM.

Developed Features: Custom subscription based registration and paid newsletter service, full text search feature in Oracle RDBMS.

Benefits: This law based subscription and newsletter selling system is more profitable than before.

- [Credita\(Project of Edita Prima\) - Public Procurement Solution for EU](#)

Tools used: XML, XSLT, Zend Framework, Symfony components, Doctrine 2.3 components, Oracle, php, jenkins and ant, jQuery, javascript, Bootstrap 4, Clean code, Team work, Solution design, git, github, jira, Agile, SCRUM.

Developed Features: Custom annotation feature integration based on Doctrine annotation classes; used for Dependency injection, Favorite procurement notice, Saved search, Manage different types of xml document in database.

Benefits: This is also another profit making project from Edita Prima for EU procurement based works.

TOOLS



EXPERTISE: Laravel, Symfony, Zend Framework 2, MySQL, Postgresql, Oracle, Vuejs, jQuery, Javascript, Bootstrap 5, CSS3, API, Feature Test case.

FAMILIAR WITH: Swagger, Bash, Ant, Docker, AWS.

WHY ME ?



Last but not the list, I am a professional with:

- Focused on business needs
- Detail oriented
- Solution design
- Clean code
- Code refactoring
- Prototype and POC
- Minimum Viable Product
- Keen to learn new tech stack
- Team player

EDUCATION



B.Sc of Computer
Science and
Engineering
Fall semester, 2007

DAFFODIL INTERNATIONAL UNIVERSITY, BANGLADESH

Major subjects: Programming, Data structures & Algorithms, Networking.