

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

- Built Laravel and Vuejs-based CMS products to serve corporations to re-brand corporate services. Person can manage the content quickly comparing to other popular CMSs.
- Implemented a Laravel-based, data-driven, loosely coupled SEO tools infrastructure and integrated it to make the website SEO friendly. It doubles the business possibilities for company.
- Unlimited depth of Category, Sub-category system for menus and Category management is implemented, which can be the clean and foundational starting point to manage large e-commerce product categories.
- Perform better than other popular CMSs. The developer will get more control over the system and can expand it as a web application. The person can also convert the design to API.

SOFTWARE ENGINEER
TEAM LEAD
Apr, 2019 - Nov, 2020

COMPUTER NETWORK SYSTEMS LIMITED, DHAKA BANGLADESH

- Assigned to a 3,000,000.00 (three million) USD valuation project.
- Played a team lead role. Have built the project architecture. The common boilerplate initializes every new project with zero lead time for team collaboration.
- Personnel Information Management System, Online Recruitment System, Provident Fund, Pension and Loan Management System, Electricity and Water Billing, Incident Management System, Watchman Management System, and Document management system are the modules I contributed to the system from requirement analysis to serve the end client.
- Solved complex and critical problems like BI publisher integration with Laravel. It speeds-up to build the simple to complex reports! Minimum (90x8x3) person-hour saved for this implementation. Now all other projects are considering this solution as de-facto for reporting.

SOFTWARE ENGINEER
May, 2012 - Jan, 2018

CODEMATE LIMITED, DHAKA BANGLADESH

- Developed multiple admin module features like role management, RBAC, and billing module.
- Have worked with Oracle full-text search features with XML and XSLT for multiple existing projects for a client, which was the sole purpose of continuing the projects with my employer.
- Tie up with the end client on another project idea about lightweight entrepreneurship's invoice and billing solution. Specifically, expenses and travel-costs features are developed to generate the invoice automatically. We help to expand the business from one region to multiple regions: Finland, Sweden, Estonia and Russia.
- Custom solution for CSS and js compilation and minification has been integrated, and it saved man/day of brute-force human activity for every production deployment.
- Actively did code refactoring and code review for multiple projects. I have also discussed with clients requirement analysis and solution design.
- Developed paid subscription-based newsletter solution for different types of customers.

PORTFOLIO



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

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

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

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

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

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.

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

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

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

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.

SKILLS



EXPERTISE: Agile, SCRUM, Jira, Analytical Skill, (U)NIX System, Laravel, Symfony, Zend Framework 2, MySQL, Postgresql, Oracle, Redis, Vuejs, jQuery, Javascript, Bootstrap 5, CSS3, API, Git, Github, Bitbucket, Subversion, Feature and Unit Test.

FAMILIAR WITH: Swagger, Bash, Ant, Docker, AWS, CI/CD, Cloud Infrastructure.

WHY ME ?



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

- Focused on business needs
- Solution design
- Clean code
- Code refactoring
- Code optimization
- Prototype and POC
- Minimum Viable Product
- Scalable, long-term product
- Keen to learn and work with new tech stack

EDUCATION



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

DAFFODIL INTERNATIONAL UNIVERSITY, BANGLADESH

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