

# PORTFOLIO

Md Firozur Rahman (Firoz)

In my career, I started working with core PHP and core JavaScript in 2014, with my first project being an educational-based student management system. Over the years, I have developed a wide range of web applications and led numerous projects that align with my passion. Below, I provide a brief description of the top four notable projects I developed at my previous organizations.

## Project-1

### Forexmart

Type	:	Financial web Application
Team size	:	5-12
Duration	:	1.6 years
Technology	:	PHP, Python, NodeJS, VueJs, Mysql, Redis, REST-API, SOAP API, Web-socket ,Core JavaScript, Query,Codeigniter, Laravel, Express, Fast-API, Nginx server
Short-description	:	It is an international financial web application that provides online trading services for global foreign exchange markets. We developed features including a client cabinet panel, a financial management panel, data analysis tools, and support and administration functionalities.
My Responsibility	:	<p>As a Senior Web Developer, I took on multiple roles, including:</p> <ol style="list-style-type: none"><li>1. Schema Design: Designing and optimizing database schemas for efficient data management.</li><li>2. Code Quality and Standards: Enforcing coding standards, conducting code reviews, and applying best practices.</li><li>3. API Development and Integration: Creating and integrating APIs for seamless system and third-party communication.</li><li>4. Query Optimization and Analysis: Enhancing SQL queries for better performance and efficiency.</li><li>5. Web Server Management: Configuring and optimizing web servers for high availability, performance, and security</li></ol>
Comments	:	<p>The website is still live at</p> <p><a href="https://forexmart.eu">https://forexmart.eu</a></p>

<b>Project-2</b>	<b>Zetask / Zonder task</b>
<b>Type</b>	: Task management system
<b>Team size</b>	: 5-17
<b>Duration</b>	: 2 years
<b>Technology</b>	: Here, a number of technologies are used, including customized Laravel, Python, React.js, Node.js, FastAPI, Socket.IO, MySQL, Memcached, and Apache.
<b>Short-description</b>	: The website offers an efficient and user-friendly platform for managing business operations, similar to Jira from Atlassian. It provides excellent tools for bug tracking and project management, ensuring streamlined workflows and effective oversight.
<b>My Responsibility</b>	: <ol style="list-style-type: none"> <li>1. API Development: Utilized Python with FastAPI for building and managing APIs.</li> <li>2. Backend Functionality: Implemented backend functionality using PHP.</li> <li>3. Browser Add-ons: Developed and integrated add-ons for web browsers.</li> <li>4. Frontend Development: Designed and developed the frontend of the application.</li> </ol>
<b>Comments</b>	: <a href="http://www.zetask.com">http://www.zetask.com</a> <a href="http://www.zondertask.com">http://www.zondertask.com</a>

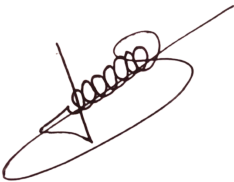
<b>Project-3</b>	<b>PayCo</b>
<b>Type</b>	: Payment services platform
<b>Team size</b>	: 5-15
<b>Duration</b>	: 1.5
<b>Technology</b>	: PHP, Python, NodeJS, VueJs, Mysql, PostgreSQL, REST-API, SOAP API, Web-socket, CSRF, MFA, AES, Core JavaScript, jQuery, Express, Fast-API, Apache server.
<b>Short-description</b>	: PayCo offers a comprehensive payment services platform designed for both individual and corporate clients globally. It focuses on delivering innovative, secure, and convenient payment solutions, aiming to lead the industry with advanced technologies.
<b>My Responsibility</b>	: <ol style="list-style-type: none"> <li>1. Backend Functionality: Implemented backend functionality using PHP.</li> <li>2. API Integration: Integrated REST and SOAP APIs</li> <li>3. Frontend Development: Created a dynamic and user-friendly interface.</li> </ol>
<b>Comments</b>	: <a href="https://www.pay.co">https://www.pay.co</a>

## Project-4

## Ticktrader

<b>Type</b>	:	Online trading platform
<b>Team size</b>	:	1-5
<b>Duration</b>	:	8 months
<b>Technology</b>	:	Python, NodeJS, AngularJs, Sqlite, Mysql, REST-API, Websocket, CSRF, MFA, Query, Express, Fast-API, Apache server.
<b>Short-description</b>	:	It is an international online trading platform web application built entirely with JavaScript. The application facilitates stock exchange and forex trading, allowing clients to see instant profit or loss based on currency rates. It incorporates multiple indicators and is designed as a comprehensive financial trading solution.
<b>My Responsibility</b>	:	<p>I played a pivotal role in this project, including:</p> <ol style="list-style-type: none"><li>1. Schema Design: Designing and optimizing the database schema.</li><li>2. Abstract Design: Developing the overall architectural design.</li><li>3. API Design and Integration: Designing and integrating APIs for seamless functionality.</li><li>4. Backend and Frontend Development: Implementing both server-side and client-side components.</li><li>5. Web Server Maintenance: Managing and maintaining the web server to ensure optimal performance.</li></ol>
<b>Comments</b>	:	<a href="https://ticktrader.instaforex.net">https://ticktrader.instaforex.net</a>

In addition to the aforementioned project, I have developed various other projects, including e-commerce platforms, store management systems, HR management applications, educational management systems, time management tools, data visualization and analysis applications, and microfinance solutions. These projects were typically developed by a team of up to five programmers and completed within a year.



MD FIROZUR RAHMAN

Email: [firozfau@gmail.com](mailto:firozfau@gmail.com)

Mobile: +4917658574913

Address: Bunsenstrasse 7, 91058 Erlangen