



PARTHA DHAR

Backend Developer

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CAREER SUMMARY

Senior Software Developer specializing in back-end development. Experienced with all stages of the development cycle for dynamic web projects. Well-versed in PHP OOP, MySQL, JavaScript. Mostly worked in Laravel (ui: bootstrap/vue).
Wrote back-end code for 4 working business applications, 11 microservices in NodeJs+MongoDb & 5 with Web3+NodeJs.
Also done automation setup for 2 organisations with CI/CD-runner/Docker/k8s, Managed 15+ VPS (+ 2 AWS accounts & 1 dedicated server) with CloudFlare/GoDaddy, Installed and managed BTC/TRON/Matic/ETH(Geth) fullnodes, Self-Hosted Git Setup with Sonarqube/trivy code-scanning rules, for all developers in the current Company.

WORK EXPERIENCE

- Senior Software Developer

Brainium Information Technologies Pvt. Ltd.

May 2016 - Present

Projects:

Cryptocurrency Trading Tool (Version 2)

Token trading-bot management tool using different centralized exchanges' (eg:Binance) API. Users can add their API key/secret from exchanges and prepare algorithms for different types of trading. It also have trading algorithm templates sharing between users, and portfolio analysis.

Technology used: NodeJs as Backend, Python(Docker) as API connector, ReactJs as Frontend, MongoDB as Database, Github Actions for deployment and backup, Ubuntu/Webmin for hosting.

My Roles & Responsibilities: (Team of 8) Server/Pipeline preparation, Database design and management, Building NodeJS API Backend, Making affiliate system and Payout, Securing endpoints, Encryption Module for saving users' key/secret, Fetching users' NFT balances and applying it to user subscription, Dockerize Python ccxt API connector.

Cryptocurrency Trading Tool (Version 1)

Token trading-bot management tool build with Laravel, it also have Round Contest system, Trading Tournaments, Affiliate/Share distribution, Wrapped Token Exchange, Wallet Web3 Login, Users' subscription.

Technology used: Laravel as Backend/Frontend(blade), NodeJs as API connector, MySQL/MongoDB as Database, Github Actions for deployment, Ubuntu/Webmin for hosting, Redis for JWT sharing.

My Roles & Responsibilities: (Team of 5) Server/Pipeline preparation, Database design and management, Theme implementation to Laravel Blade, Building backend and user dashboard, Building NodeJS API connector for Binance/MEXC/Poloniex, Securing endpoints.

Token Swap (PancakeSwap Clone)

Token swap platform like Uniswap or pancakeswap.

Technology used: ReactJS, TRON/BTT/BSC blockchain network, Smart contracts.

My Roles & Responsibilities: (Team of 2) Server/Pipeline(GH, Vercel, Heroku) preparation, Making Smart Contracts with acceptable ABIs, Fetching Markets pairs, Live token rate conversion, Making/publishing NPM packages for contract connectivity, Managing TRON fullnode, Securing endpoints.

CryptoCurrency Exchange

Crypto Currency exchange Application using Laravel framework, listing of different coins and creating markets and coin pairs for users to Deposit/Withdraw/Trading different coins/tokens.

Technology used: Laravel, NodeJS/PM2, MySQL/MongoDB/Redis, EchoServer/WebSocket, TRON/BTC/ETH blockchain networks, Smart contracts.

My Roles & Responsibilities: (Team of 6) Server/Pipeline/Database/Business logic design and management, Installed and managed BTC/TRON/Matic/ETH(Geth) fullnodes, making APIs to connect fullnodes with NodeJS, Develop Deposit/Withdraw functions to blockchain wallets, making Echoserver for Trade Orders auto allocation, Implementation of TradingView charts/G2FA/JWT, User Role/Wallet/Order/Affiliate management, Securing endpoints.

Presale Backoffice

Web application for management of a Token, with different user roles, the concept of staking coins, deposit and withdraw, merchants' wallet coin stock and inventory management, distributing and payment system with the Token.

Technology used: Laravel

My Roles & Responsibilities: (Single) Server/DB/Business logic design and management.

Job Portal

Job portal web application with frontend users and SuperAdmin. It is using scaffolding templates to generate wildcard subdomains for each registered recruiters.

Technology used: Laravel

My Roles & Responsibilities: (Team of 2) Server/DB/Business logic design and management.

Games Arena

A gaming portal with different games and betting platforms where we provide the currency balance to users with tokenized api and websockets from the currency exchanger.

Technology used: Laravel, NodeJS,GitLab Pipilines, Docker, AWS.

My Roles & Responsibilities: (Team of 2) Server/DB/Business logic design and management.

Uber Clone

Technology used: Laravel, NodeJS,Socket.IO, Google Maps, AWS.

My Roles & Responsibilities: (Team of 3) Building Backend and API.
- Technologies used during this period:
- Node.Js

Laravel

MongoDB/MySQL/Redis

Docker/Heroku

Web3.js

ETH/Tron

Golang

EchoServer

GitHub Actions

GitLab/Bitbucket Pipelines

Ubuntu/Webmin/PM2

WP

ReactJs

- Web Developer

Digimason Web Pvt. Ltd.

Nov 2013 - May 2016

Worked as a PHP Developer, made 6 Codeignitor, 1 Magento/Prestashop/Opencart, 50+ Wordpress, Managed 2 big magazine websites with over 10k users per day.

Technologies used during this period:

CodeIgniter

Wordpress

WSDL

Analytics

SKILLS & TOOLS

Backend

PHP/Laravel

Node.js

WPJSON/GraphQL

Python

Frontend

PHP & Blade/Livewire

HTML/CSS/SASS/LESS

JavaScript(Vue/Express)

Others

Platforms & Tools

Git

GCM

AWS Top10

CF

Docker/Heroku/K8

DevOps (GH Actions/ GitLab pipeline)

Autocode/Netlify/Vercel

Ubuntu

Webmin

VS Code/Atom

Neo4j

FOSS

RPI/Arduino

Flipper One

NetHunter

LSPosed

Alexa Skills

EDUCATION

- BTech in Computer Science & Engineering

B. P. Poddar institute of management & technology

2009 - 2012
- Diploma in Computer Science & Technology

Bengal Institute of Technology - Katwa

2005 - 2008

AWARDS

- 🏆 Excellence in Customer Service

Brainium (2018 - 19)

LANGUAGE

- Bengali (Native)
- Hindi (Proficient/C2)
- English (Proficient/C2)

INTERESTS

- Books

Temples

History