PRAVIN RAJ
Full Stack Developer

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SUMMARY

Self-motivated Web Development professional with 9 years of experience in developing and designing user interfaces, testing, debugging MEAN & MERN Stack application. Proven ability in optimizing web functionality that improve data retrieval and workflow efficiencies. My most recent experience has been as a full stack developer with Angular, ReactJs, NodeJs, Java Spring Boot, Blockchain, Solidity, Golang, AWS & Docker.

WORK EXPERIENCE

Nov-2022 - Jun-2023

Senior Software Engineer
Tech Breakthrough PVT LTD.
- Technologies used: ReactJs, Nodejs, Angular, NextJS(ReactJS Library), Docker, AWS, Solidity, Golang and Blockchain
- CarbonCore project Vera standard customization
- Created smart contract wizard with deployment on krypCore platform developed using microservice architecture.

Jun-2022 - Nov 2022

Senior Software Engineer
KAIVALE TECHNOLOGIES PVT LTD.
- Technologies used: ReactJs, Nodejs, Angular, NextJS(ReactJS Library), Guardian Open Source - Docker
- CarbonCore project is mainly focus on reducing carbon from environment using Hedera blockchain and later it convert the carbon reduction as carbon credit token.
- Created ParzRider website for selling machine parts to their customers with discount and offers management screens

Nov-2019 - Jun-2022

Senior Software Engineer
Oasys Cybernetics Pvt Ltd.
- Technologies used: Angular, NodeJs, Kafka, MySQL, Redis, Elastic Search, Cordova, Java Spring Boot, Docker
- Created RESTApi for Health Care application
- Creating Delivery Boy hybrid mobile application using Cordova

Apr-2019 - Oct-2019

Software Engineer L2
Robosoft Technologies.
- Technologies used: NodeJs, Docker and Kubernetes

AWARDS

I got a Spotlight Award from Osiz Technologies Pvt.Ltd for writing the highest standard code and got a certificate for taking seminar in Distributed computing.

SKILLS

Personal:
Collaboration, Creativity, Communication,Critical Thinking, Web Architecture,Storage Systems.
Programming Languages:
Javascript, PHP, MySql, Python, Shell Script, Solidity.
Cloud: AWS Server Creation,Cloud Watch Monitoring with SNS configuration.
Database:
MySql,MongoDb,ArroraDb.
Tools: SublimeText,VS Code.
Source Code Control:
Github,Bit bucket, Gitlab.

RECENT PROJECTS

1.**HMIS :**
This is a health care web application to manage hospital with staff and medicals using Angular 8, NodeJs, MySQL, Docker, Jenkins.
2.**HaloApp :**
This is a mobile application for money lending purposes developed using React, NodeJs, MongoDb.
3.**Instantbitex** (https://www.instantbitex.com) : This is a crypto currency trading website developed on Angular-5, PHP, MySql, laravel framework.

- Created RESTApi for lending mobile application for FinTech

Mar 2015 - Mar 2019   **Senior Web Developer**
Osiz Technologies Pvt.Ltd.
- Revamped web applications with security, minimizing hacker attacks from 2.3% to 0.02%
- Implemented payment system using PayPal, Stripe, etc.,
- Make use of Webrtc for audio and video call.
- Front and back end application development, database designing, testing & deployment. Including API support for android and iPhone.
- Created and published libraries in python, Ruby, NodeJs to handle the site API from other platforms.
- Technologies used: PHP, MYSQL, Javascript, Jquery, CSS, NodeJs, MongoDB, Angular 5, Ruby, Python, Stripe, Paypal, Apache, AWS SNS and CloudWatch, Github, Bitbucket.
- Platform Used - Linux.
- Integrating and Handling various type Bitcoin, Ethereum nodes and other Blockchain technologies.

4.**Trading Bot** :
This is a core product developed for posting orders automatically using the site REST Api's developed in NodeJs.
5.**Golfcam**
(https://www.golfcam.tv): This social site to share their golf game experience.

EDUCATI0N

2011 - 2014   **B.Sc. Computer Science - 60 %**
Thiagarajar College

2009 - 2010   **Higher Secondary school - 64 %**
APT Durairaj Higher Secondary School

2007 - 2008   **Secondary school - 88 %**
MAVMM Higher Secondary School

Project Info	Description
CarbonCore	This website used to measure the carbon usage from multiple sources that all will be recorded into the hedera blockchain using an open source tool called guardian. all the workflow are created as policy configuration from there we can set all use cases for the policy and role based data authentication also. we can exchange the token in common marketplace to get other benefits.
PartzRider	This is customer facing web application which will be compared with any ecommerce sites developed using one of the power full react framework called NextJs. complex pages will be splited into small re useable components which will maintainable as well. user login status are maintained using state management tool called redux.the library given us a way to create dynamic rich pages.

INMS	Southern Railway(Sr.DSTE) has proposed to automate Inspection Monitoring system through mobile application (Android). Each user will be provided with a secure and unique login credentials (username and password). The scheduled inspections will be inspected by the concerned SSE through the mobile device. The inspection notes will be captured through the mobile device with user-friendly screens. Alerts and notification will be sent to concerned on delayed inspection notes to make the system robust and fool proof. Automated mails will be sent to officers on the deviation status in monitory by SEE under the division
Liability Register	In order to have an effective budgetary control, the preliminary step is to build a register showing all the undischarged liabilities/ commitments entered in to by the division. The Liability register module developed here does that job of capturing all the expenditure commitments about repairs, maintenance and operational costs of the division. The module starts from getting the revenue budget outlay of the division at various budgetary stages. Against this outlay superimposed is the estimates/Indents(first stage of commitment) followed by agreements/ purchase orders finalized against these estimates, and finally the liabilities actually discharged during the year by payments (Bills passed) during the year. The module captures all old undischarged commitments available on hand as on date and compares it with the outlay to give a picture of the financial position of the division. Apart from being a tool for budgetary control, the MIS reports of the module are designed in a way to ensure that it can play an effective part in contract management as well.
UpExcise	1.This is a Supply chain Government Project for Uttar Pradesh state to regulate Liquor supply. Here I am managing the frontend team and writing frontend angular code related to complex license creation with workflow. 2.Java spring boot based Rest Api's, state management for all type of license
DelyBoy	1.Frontend development using latest Angular with Cordova which is a technology layer for convert angular application into hybrid mobile application
HMIS	1.Backend development using latest NodeJs, MySQL with Kafka which is a technology layer for message Passing 2.Micro Service architecture are effectively managed by docker
Halo	1. Backend development using latest NodeJs MongoDb with Plaid which is a technology layer for financial services 2.Server architecture are effectively managed by Kubernetes
Cryptoa	1. Frontend development using latest HTML5 and css3, backed by the jQuery JavaScript and Redis enable optimum user experience throughout the side 2. Trading flat form with the client own crypto currency (BR) coin with the limit and market orders. 3. Integrating the multiple crypto currencies by installing the core wallet packages of the server 4.Integrating new concept of bot,this bot is used to post orders like customer minded with dynamic amount and timing. 5.Server architecture are effectively managed by Layer 4 type HAProxy Load Balancer.
Instantbitex	1. Using angular 6 we create a stunning single page trading web application backed by laravel with MySQL as the data provider with optimized database queries. 2. By creating a powerful trading algorithm to match the users orders. 3. Integrating the multiple crypto currencies by installing the core wallet packages of the server
Cashfinex	1. Build an excellent trading platform with angular as the frontend and node express as the back end. 2. Used mongoDB cloud with the high performance throughout the site with the

	server load balancer of node cluster mode with process manager. 3. Used socket with redis server for the caching of connection during the load balancing and also user experienced updates through the socket. 4. Integration of multiple crypto currencies like (Bitcoin, Litecoin, Ethereum, Ripple, Bitcoin cash) and uses CRM concept of user trading and exchanging through the site without register and login. 5. Writing the npm library for the UPAYCARD cash and integrated in the project for the fiat currency transaction

Project Info	Description
perfectcoinindia.com	1. Frontend development using latest HTML5 and CSS3, backed by the jQuery and JavaScript enable optimum user experience throughout the side 2. Powerful trading algorithm is used to process the huge orders from user side. 3. Integrating the multiple crypto currencies (Bitcoin, Litecoin, Etherum, Monero, Steller) by installing the core wallet packages in the server 4.In this account management for user transactions and GST filing are implemented.
piggi.se	1. Frontend development using latest HTML5 and css3, backed by the jQuery and JavaScript and enable optimum user experience throughout the side 2. Development of cashback site using codeIgniter with amazon, flipkart and snap-deal affiliates and added cashback to referral users 3. Worked on developing and implementing the concept of referral friends and earn cashback through it. 4. Implementing the coupons and multiple stores that provide the cashback.
cryptowallet.is	1. To develop a trading website in the minimal footprint codeIgniter framework is effectively done with the help of jquery and javascript 2.It has a merchant like service to make payment for shopping site with multiple platform support like python,NodeJs and ruby. 3.Referral system with customizable referral amount with multi stage. 4.Famous crypto currencies Bitcoin,Litecoin address to address transformation are all done with a help of code packages and instant notification system of code features are utilized.
qmash.com	1. To develop a single application for all platform like messenger, blog, audio and video posting site. 2.In this we use the latest technology called WebRTC are implemented for audio and video calls 3.Famous payment gateway Stripe is used for bank transfer.
Magento Projects: 1.Tdfrica 2.Lularock 3.Yudala	1.This are all developed with help of Magento framework. 2.In this mainly thing done is page optimization request load check with network timing and page optimization report like GTmetrix and Pingdom 3.Designing product page with categories list and lazy load functionality to reduce page load.
frydeals.com	1.To develop a cashback coupons site with the help of HTML, CSS, Jquery and Javascript in Joomla Framework. 2.By solving the real time problem of getting large data from all famous shopping site with effective algorithm.

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https://github.com/pravindev12