

PAWAN SEN
Module Lead Engineer
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❖ PERSONAL & PROFESSIONAL SUMMARY

- A dynamic professional with **9+ years** of experience in managing operations for technology projects planning, proposal, implementation, integration, testing and maintenance and Team management using NodeJS(ExpressJS, NestJS) & ReactJS & PHP Technologies MVC Framework (CodeIgniter, Laravel, YII) & MongoDB , MySQL.
- Implementing project plans within preset requirements and deadlines.
- Practicing agile development methodologies and working with current networking technologies.
- Maintenance and sustenance of existing projects for customer satisfaction and efficient performance.
- Hands-on experience with ES6 (ECMAScript 6). Worked on package management tools like NPM and Yarn.

❖ TECH STACK SUMMARY

- Programming Languages : **NodeJS (NestJS, ExpressJS), PHP (CodeIgniter, Laravel), TypeScript**
- Web Technologies : **ReactJS, JavaScript, jQuery, CSS, HTML**
- Database : **MySQL, PostgreSQL, MongoDB (Mongoose)**
- Source Control : **GitHub**
- Tools : **JIRA, VsCode, Sublime,**
- Caching : **Redis, Memcached**
- Messaging Protocol : **Mqtt**
- AWS : **EC2, RDS, S3, ROUTE53, SNS, COGNITO**

❖ PROFESSIONAL EXPERIENCE

March 2024 to Present VAOW Energy. (Full Stack Developer)

- Worked on Product E-vehicle & Energy Storage Systems Software applications.
- Mobile App development web services Restful API & Database design.

Aug 2021 to Aug 2023 LMS Solutions Pvt Ltd. (Module Lead Engineer)

- Software developer with experience in e-commerce, enterprise and high-performance web technologies.
- Create and participate in software planning and estimating, status monitoring and reporting.
- Software analysis and documentation and Database designing.
- Mobile App development web services Restful API .
- Worked on E-commerce & Chat APP & Social Network applications.

July 2016 to Feb 2021 MobiWeb Technologies (Sr. Software Developer)

- Working domain online flight details real-time arrival and departure And Gaming fantasy sports specialisation.
- Leading team

Sept 2015 to July 2016 – Vsure | Mobileappz (Software Developer)

- Create and participate in software planning and estimating, status monitoring and reporting.

Aug 2014 Aug 2015 – Conative IT Solution (Software Engineer)

- Software analysis and documentation.
- Mobile App development web services Restful API .

❖ **PROJECTS**

❖ **Electric Vehicle & Energy Storage System VAOW ENERGY**

- ❖ **Title:** The Product based on Electric Vehicle & Energy Storage System in We cover multitude of data points of Manufacturing Data, Battery operations, Motor Behaviour, Human Machine Interaction, geographic data etc to give accurate insights.Track data in real-time, so you can make timely decisions, and quickly evaluate interventions.
- ❖ **Duration:** October 2023 August 2024
- ❖ **Roles:**
 - Create business logic & database, designed DB schema, Procedures, Functions, and Indexes
 - Create Code structure MVC pattern
 - Designed Authentication and Authorization stateless pattern Oauth 2.0
 - Leveraged Redis to enhance caching and improve performance.
 - Designed REST APIs for application and admin panel.
 - Managing team.
- ❖ **Technology:** NodeJS, ReactJS, MongoDB & MySql, Redis Cache , MQTT, Socket.

❖ **Reservation System(Hotels & Rooms & Tables & Food) LMS**

- ❖ **Title:** The project is based on an Android & Web Application that can be used by customers to book the desired table and menu of their choice from a restaurant as per their convenience. Previously table reservation was manual which is ending up progressively in well-known restaurants but now a days people are getting into the digital era of restaurant reservation of restaurants, and suppliers are considering choosing a digital system of booking.
- ❖ **Duration:** April 2023 August 2023
- ❖ **Roles:**
 - Analysis and gather info by client
 - Create business logic & database, designed DB schema, Procedures, Functions, and Indexes
 - Create Code structure MVC pattern
 - Designed Authentication and Authorization stateless pattern Oauth 2.0

- Leveraged Redis to enhance caching and improve performance.
- Designed REST APIs for application and admin panel.
- Managing team
- Deployed backend on aws server.
- ❖ **Technology:** NestJS, ReactJS, MongoDB, Redis Cache , MQTT, Socket, AWS (S3)

❖ **Twingalaxies (Games & Social) LMS**

- ❖ **Title:** Twin Galaxies is a platform that facilitates a competitive community and provides official parameters and authentication for video game playing achievement across all electronic gaming platforms. It is where competitive video game rules are officially set, player performances are objectively measured/adjudicated, and the statistical data of official records/rankings are logged, maintained, and updated
- ❖ **Url:** <https://www.twingalaxies.com>
- ❖ **Duration:** December 2022 April 2023
- ❖ **Roles:**
 - Analysis and gather info by client
 - Create business logic & database, designed DB schema, Procedures, Functions, and Indexes
 - Create Code structure MVC pattern
 - Designed Authentication and Authorization stateless pattern Oauth 2.0
 - Leveraged Redis to enhance caching and improve performance.
 - Implementation of features like OTP login, Emails, Address verifications.
 - Designed REST APIs for application and admin panel.
 - Managing team
 - Deployed backend on aws server.
- ❖ **Technology:** Node JS, Express JS, MySQL, Redis Cache, JIRA, AWS(S3)

❖ **JomPet APP (Ecommerce & Social) LMS**

- ❖ **Title:** A pet sale, buy and social app, gives exotic pet owners by pet tracker and a community that share the same passion for their exotic. Buyer can register shop and add pets for sale, users can buy pets. Buyer and seller can chat together. Buyer follows and like comment on their pet.
- ❖ **Url:** <https://tinyurl.com/2p86khtw>
- ❖ **Duration:** February 2022 November 2022
- ❖ **Roles:**
 - Analysis and gather info by client
 - Create business logic & database, designed DB schema, Procedures, Functions, and Indexes
 - Designed Authentication and Authorization stateless pattern Oauth 2.0
 - Manage Social & chat pattern
 - Design Notification pattern
 - Leveraged Redis to enhance caching and improve performance.
- ❖ **Technology:** NodeJS, ExpressJS, MongoDB, Redis, Mongoose, Typescript, JIRA, AWS(S3)

❖ **DataVaults (Data Storage) LMS**

- ❖ **Title:** DataVaults allows secure and organised access to your files in one sleek workspace for your team, customers, and investors with full data analytics. DataVaults aims to deliver a novel framework and architecture that leverages personal data, coming from diverse sources (sensors, IoT, wearables, data APIs, historical data, social network data, activity trackers, health records, demographic profiles, etc.)
- ❖ **Url:** <https://datavault.link>
- ❖ **Duration:** August 2021 January 2022
- ❖ **Roles:**
 - Designed Authentication and Authorization stateless pattern Oauth 2.0
 - Leveraged Redis to enhance caching and improve performance.
 - Design Notification pattern
 - Optimise Queries
 - Designed secure APIs with authorization
- ❖ **Technology:** NodeJS, MySQL, Socket, Payment Gateway, Redis

❖ **Jera (Energy) Mobiweb**

- ❖ **Title:** Digital power plant group to manage employee work management.
- ❖ Schedule task manager according to work.
- ❖ **Url:** <https://www.jera.co.jp/english/>
- ❖ **Duration:** September 2020 January 2021
- ❖ **Roles:**
 - Designed secure APIs with authorization
 - Design Notification pattern
 - Schedule task manager
- ❖ **Technology:** NodeJS, Typescript, MySQL, Docker, Microservices

❖ **GullyGames (E-Sports (B2C)) Mobiweb**

- ❖ **Title:** Gully Games provides the ultimate platform for skill sports in India with each enthusiast showing their skill sport with their friends. Choose from a variety of Chess, Carrom, cricket fantasy, Pool and many more casual mobile games. Play for free and win real money.
- ❖ **Url:** <http://gullygames.com/>
- ❖ **Duration:** February 2020 August 2020
- ❖ **Roles:**
 - Designed and developed a Wallet that handles Gully Games app transactions. Leveraged Node.js, Designed secure APIs with authorization
 - Design Notification pattern
 - Designed Authentication and Authorization stateless pattern Oauth 2.0
 - Integrated Payment Gateways (PayU) for smooth UPI, IMPS, NEFT transactions.
 - Leveraged Redis to enhance caching and improve performance.
- ❖ **Technology:** MySQL, MongoDB, NodeJS, Socket, Payment Gateway, AWS(S3,RDS,Cognito)

❖ **FSL11 (E-Sports (B2C) DFS, Auction, Gully Fantasy) Mobiweb**

- ❖ **Title:** A fantasy sport is a type of game in a real-time application, often played using the Internet, where participants assemble imaginary or virtual teams of real players of a professional sport. These teams compete based on the statistical performance of those players in actual games. This performance is converted into points that are compiled and totaled according to a roster selected by each fantasy team's manager.
- ❖ **Url:** <https://fsl11.com>
- ❖ **Duration:** January 2019 January 2020
- ❖ **Roles:**
 - Designed and developed a Wallet that handles FSL11 app transactions. Leveraged PHP, Designed secure APIs with authorization
 - Design Notification pattern
 - Designed Authentication and Authorization stateless pattern Oauth 2.0
 - Integrated Payment Gateways (Razor Pay & Paytm) for smooth UPI, IMPS, NEFT transactions.
 - Leveraged Redis to enhance caching and improve performance.
 - Designed Real Time score calculate and points update
 - Third party score APIs implemented.
 - Designed vendor referral program
- ❖ **Technology:** PHP, MySQL, MongoDB, NodeJS, Socket, Payment Gateway

❖ **ACADEMIC CREDENTIALS**

July 2008 – April 2012 Computer Science (B.Tech)

- Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal, with 70%

July 2007 – April 2008 Mathematics science HSC

- HSC Saraswati school of Nagda Jn. MP Board, with 71.70%

July 2005 – April 2006 Mathematics science SSC

- SSC Saraswati school of Nagda Jn. MP Board, with 79%
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I certify that the information furnished above is factually correct.

DATE: 09/2024

PLACE: Indore