Vikram Gangpariya

Node js Developer

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IT professional with over 2+ years of expertise in web development. I am skilled in Node.js and Express.js, specializing in developing scalable backend systems. I am also proficient in API integration and database optimization, with strong knowledge of SQL and PostgreSQL.

SKILLS

Operating Systems: Windows 7/8/10, Ubuntu

Programming Language: HTML, CSS, JavaScript, TypeScript

Node.js Frameworks/Tools: Express, NestJS, Sequelize ORM, Type ORM

Database Management: MongoDB, PostgreSQL, MySQL

Caching: Redis

Dev Tools: Git, Postman, Swagger, Docker (basic)

Automation: CI/CD pipelines using GitHub Actions

Deployment / Server Management: PM2

Others: JWT, OAuth2, Socket.io

Communication Channels: Skype, Slack

Communication Language: Hindi, Basic english

EXPERIENCE

Iwebwiser, Bikaner- *Node Js Developer*

05-01-2023 - PRESENT

- Incorporated microservices architecture using Node.JS which increased application scalability.
- Implemented robust security protocols for API endpoints using JWT and OAuth, resulting in a reduction in unauthorized access incidents.
- Developed real-time communication module using WebSockets.
- Mentored a team of junior developers, boosting team productivity and code quality through code reviews and pair programming sessions.
- Redesigned existing backend architecture using Node.js, improving processing speed.

EDUCATION

Maharaja Ganga Singh University , Bikaner(2018-2021)- *Bachelor of Arts*

Maharaja Ganga Singh University , Bikaner(2021-2022)- *PG. DIP. IN Computer Application*

Vivekananda global university, Jaipur (2025- current)- *Master of Computer Applications*

PROJECTS

ShopSpot :-

Project Description:-

This project is to build a full eCommerce website and management system for customers, the product management team, vendors, and admins. Customers can view shops and services lists on the home page and visit detail pages. Vendors can add their stores and manage their products. The admin monitors vendor and customer activities and manages the entire system.

- **API Development**: Built RESTful APIs using **Express.js** for seamless client-server communication.
- **Database**: Used **SQL database** with **Sequelize ORM** to interact with tables and manage complex queries.
- **Location Services**: Integrated **Google Geolocation** to capture user locations and fetch nearby stores.

SMIOC Bahrain App :-

Project Description:-

In this project, I developed a REST API using Express.js that works as the backend for a church app in Bahrain. The main functionality of the app was to allow users to view prayer schedules for the church.

For data storage and management, I used an **SQL database** and integrated **Sequelize ORM** to interact with the database, ensuring smooth querying and data handling.

Floor and Furnishings (F&F):-

Project Description:-

F&F is a home furnishing brand. Developed a system with 4 apps and 1 admin panel to streamline customer service:- **IC App**: Customers can submit their requirements, which are logged as inquiries, **Admin Panel**: Assigns measurers, QC managers, and installers while tracking all processes, **Measurer App**: Logs site measurements, integrates with AX server for estimates and order generation, **QC App**: Manages three-step quality checks, **Installer App**: The installer completes the installation process in the Installer App. At this point, the inquiry is marked as complete. The **Admin Panel** keeps a record of all these processes for tracking and management.

- **API Development**: Built RESTful APIs using **Express.js** for seamless client-server communication.
- **Database**: Used **SQL database** with **Sequelize ORM** to interact with tables and manage complex queries.
- **Notification:** Integrated WhatsApp messaging to send updates to the customer.
- **Payment Gateway:** Implemented Razorpay payment gateway for processing payments.

Women Empowerment:-

Project Description:-

This project was developed for women empowerment in the Democratic Republic of the Congo. Women are provided with equipment for empowerment, funded by the World Bank. The system includes:- **Admin Panel**: Enables the admin(World Bank) to monitor all activities, **App**: Allows coaches to provide coaching and support to women.

- **API Development**: Built RESTful APIs using **Express.js** for seamless client-server communication.
- **Database**: Used **Postgres database** with **Sequelize ORM** to interact with tables and manage complex queries.
- **Role-Based Permissions:** Implemented role-based access control across all APIs to ensure secure and appropriate access for different user roles.

TUGONN Talents App:-

Project Description:-

Crafted an engaging talent showcasing platform, Tugonn, using Flutter for a responsive front-end and Node.js for a scalable back-end, complemented by an admin panel in React. This comprehensive app empowers users to display their skills, participate in talent challenges, and receive rewards. Features include a virtual currency system for voting, subscription options for premium access, and social sharing capabilities for philanthropic activities. Tugonn stands out for its interactive user experience, allowing community engagement through likes, comments, and a voting mechanism, setting a new standard in user engagement and community-driven platforms.

- **API Development**: Built RESTful APIs using **Express.js** for seamless client-server communication.
- **Database**: Used **SQL database** with **Sequelize ORM** to interact with tables and manage complex queries.

QWRAP:-

Project Description:-

Developed the QWRAP platform to support large-scale, government-coordinated water and waste infrastructure projects aimed at improving entire communities. QWRAP unites Queensland Water, the Department of Water, and the Local Government Association of Queensland, pooling resources for regional coordinators and approved BidPool projects. This collaboration drives

impactful infrastructure improvements, enhancing water management across regions beyond small-scale developments.

- **API Development**: Developed RESTful APIs using TypeScript and **SparkServer**.
- **Database**: Designed and managed **SQL** databases for efficient data handling.

Restaurant Management with Device Monitoring (TheThingsNetwork Integration):-

Tech Stack: Flutter, Angular, Express.js, Sequelize, MySQL, RxJS

- Developed a system to manage restaurants and integrate TheThingsNetwork Integration-based temperature monitoring.
- Integrated with TheThingsNetwork to capture hourly data.
- Included subscription plans and role-based access management
- **API Development**: Developed RESTful APIs using **NodeJs(Express.js)**.
- **Database**: Designed and managed **SQL** databases for efficient data handling.