

Prasanna Kumar Baniya

Full Stack Developer

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PROFESSIONAL SUMMARY:

- Full Stack Developer with around **3.5 years** of experience in designing, developing, implementing, and maintaining web and distributed Enterprise applications using JavaScript/NodeJS technologies.
- Hands-on experience with Core JavaScript Concepts like Asynchronous Communication (AJAX), Hoisting, Closures, Callbacks, **Promises, Async & Await** with strong understanding and working knowledge of **Non-Blocking/Asynchronous I/O, Event loop, MVC, Services, ORM/ODM**(Sequelize/Mongoose/TypeORM), **Exception Handling** and **Error Handling**.
- Expertise working with technologies: **NodeJS, ReactJS, ExpressJS, JWT Authentication, MySQL, MongoDB, TypeScript**.
- Good Working Experience with **ReactJS** in developing the SPAs (Single Page Applications) for internal application/tool and involved in designing of Full Stack applications using HTML5, CSS3, JavaScript, Bootstrap, Axios, Context API, AJAX, and JSON.
- Good knowledge on using version control and configuration management tools like **GIT, GitHub** and **Bitbucket**.
- Experience with design, creation, and management of Relational Database like MySQL and NoSQL database like MongoDB.
- Proficiency with testing services like **Postman, SwaggerUI**.

TECHNICAL SKILLS:

Programming Languages	JavaScript, TypeScript
Web Technologies	JavaScript, HTML, CSS, ReactJS, Bootstrap, AJAX
Frameworks	ExpressJS, NextJS, NestJS
Databases	MySQL, Sequelize, MongoDB, Mongoose, PostgreSQL, TypeORM
IDEs/Code Editor/Tools	VS Code, Workbench, Putty, Postman, SwaggerUI, Apache2/Nginx, Cpanel, AWS EC2

PROFESSIONAL EXPERIENCE:

Upwork

Jan 2024 – Present

Freelancing

Project: Luxury lodging direct booking website. luxurylodgingpm.co

Responsibilities:

- Completely designed and developed backend APIs.
- Integrated **Hostaway** client for listings and reservations.
- Integrated **Stripe** payment gateway (**Card/USA Bank Account/Affirm**) for booking/reservation of listings.

Environment: NodeJS, JavaScript, ExpressJS, MySQL, Sequelize, MariaDB, Github, JSON, Postman, AWS EC2, Nginx.

Project: Sentry Payment Application (SePA). The **Sentry Payment Application (SePA)** is designed to provide a mass payment solution for shoppers, streamlining the payment process and making it more efficient and user-friendly.

Responsibilities:

- Integrated **PayPal** batch payouts for Non-US shoppers.
- Handled webhooks registration and different Payouts events using Firebase Cloud functions and Firebase Realtime Database.

Environment: NodeJS, JavaScript, ExpressJS, Firebase Realtime Database, Cloud Functions, EJS, Shopmetrics, Github, JSON, Postman.

Project: [Secure Stay](#). A dynamic **guest experience platform** designed to enhance and simplify the hospitality industry. It integrates various tools and features to manage and personalize guest interactions throughout their journey.

Responsibilities:

- Worked on APIs and UIs for **integrating smart locks (Seam/Sifely)** into the application.
- Worked on **integrating Hostaway**, a property management platform, to offer a comprehensive solution for hospitality businesses. This includes two-way sync of guest data, check-in/check-out times, and more.
- Created scripts for sending **auto generated access codes** to the associated smart locks of the listings having reservation.
- Integrated **Stripe** payment gateway for **subscription model** of the application.

Environment: NodeJS, JavaScript, TypeScript, NextJS, ExpressJS, Supabase, Github, JSON, Postman, MariaDB.

InfoxIT Pvt. Ltd., Butwal

Sep 2021 – May 2024

Full Stack Developer (Node/React)

Project: AGRO ERP. An integrated enterprise resource planning solution for the agriculture sector. This comprehensive system comprises modules such as Purchase, Production Cycle, Sales, Inventory, Accounting, Lab, Harvest Management, Cow/Buffalo Farm Management, Cold Storage Management, Fuel Tracking System, Custom Hiring, and Reports. The ERP streamlines and optimizes key agricultural processes, enhancing operational efficiency and decision-making.

Responsibilities:

- Created APIs for FTS (Driver Registration, Vehicle Registration, Departure Entry, Arrival Entry and Fuel Refill Entry, Fuel Tracking Report, On the way vehicle report) and Custom Hiring Module (Machine Registration, Hiring Rate Entry, Hiring Detail Entry, Expense Entry, Machine Used Report).
- Participated in sprint planning and standup meetings.
- Coordinated with development team.
- Participated in code reviews and provided feedback to team members.

Environment: NodeJS, JavaScript, Axios, Bitbucket, JSON, Postman, Jira, MySQL WorkBench, **Multer**, **Firebase Cloud Messaging (FCM)**, **Winston Logger**, **SwaggerUI**, **PM2**.

Project: MEDI ERP. A comprehensive healthcare management system, encompassing a multitude of modules to enhance operational efficiency.

Responsibilities:

- Created APIs for Master module (Branch Setup, Economic Year Setup, Department, Billing Title, Billing Title Mapping, Doctor Registration), System Setting (User Registration, User Permission), OPD Module (Patient Registration and Billing), IPD (Patient Admission, IPD Billing and Patient discharge), Accounting (Ledger Create and Ledger Mapping) and Pharmacy module (unit, category, brand, generic name, product, party entry, opening stock and purchase entry).
- Developed UI interface of Pharmacy module using ReactJS.
- Engaged in sprint planning and daily standup meetings.
- Actively collaborated with the development team to ensure effective coordination and communication.
- Handled the operational part of the project.
- Configured the complete environment of **VPS** where the project is to be deployed.
- Made the API and Web app to production using **VPS**

Environment: NodeJS, JavaScript, Axios, Bitbucket, JSON, Postman, Jira, MySQL WorkBench, **Multer, Firebase Cloud Messaging (FCM), Winston Logger, SwaggerUI, Putty, SSH, Apache2, PM2.**

Project: UBT Exam Mobile Application (Available on Play Store as Lotus UBT). A dynamic Exam Preparation Mobile App and a Web-Based Admin Panel, featuring a unified backend API for seamless connectivity. The Flutter-based mobile app allows users to access UBT exam sets for practice, comprehensive UBT package sets, and a diverse collection of practice materials, including books in PDF and audio formats. The integrated platform facilitates the purchase of exam sets and packages, with a mix of free resources, providing a user-friendly and efficient solution for exam preparation.

Responsibilities:

- Designed the database schema for the backend.
- Completely designed and developed the backend API using ExpressJS.
- Led the development of critical modules.
- Participated in code reviews and provided feedback to team members.
- Conducting Sprint Planning and daily Standup Meetings.
- Developed UI interface for Review Exam Result and Access Control module of admin panel using **ReactJS**.
- Handled the operational part of the project using **cPanel**.

Environment: NodeJS, JavaScript, Axios, Bitbucket, JSON, Postman, Jira, MySQL WorkBench, **Multer, Firebase Cloud Messaging (FCM), Winston Logger, SwaggerUI.**

Project: Dairy Mobile Application (Available on Play Store as White Himalayan Milk). An innovative Dairy Management Mobile App featuring robust functionalities for dairy farmers. The app seamlessly integrates milk sales reporting, livestock registration, AI-driven insights for optimal breeding, and timely notifications for artificial insemination. Additionally, it includes a comprehensive insurance module for efficient risk management.

Responsibilities:

- Participated with the architecture team in technical evaluations, solution, and design approaches discussions.
- Designed and developed the backend **API** using **ExpressJS**.
- Maintain code quality up to its standard.
- Conducting Sprint Planning and daily Standup Meetings.

- Making the sprint outcome to production by coordinating with release team.

Environment: NodeJS, JavaScript, Axios, Bitbucket, JSON, Postman, Jira, MySQL WorkBench, **Firestore Cloud Messaging (FCM)**, **Winston Logger**, **Cron Jobs(node-schedule)**, **SwaggerUI** .

Project: ACCOUNTING/CCI ERP SYSTEM. The ERP System is a comprehensive business management software solution that includes modules for Accounting and CCI (Chamber of Commerce and Industries). This ERP system provides businesses with a centralized platform to manage all aspects of their operations, which helps in increasing the efficiency, reducing the cost, and making better decisions.

Responsibilities:

- Worked on various modules of the **ERP system**.
- Building **reusable components** and front-end libraries using **React, Axios, React Router, Bootstrap and JEasyUI** .
- Participated in **code reviews** and provided feedback to team members.
- Optimize the API calls throughout the system.
- Helping development team stay on track by mediating problems and removing obstacles.
- Making the sprint outcome to production by coordinating with release team.
- Coordinating with the Support team for production bug fixing.
- Monitoring of **Production Server Health and Reporting**.

Environment: Java 11, Jar file, NodeJS, ReactJS, JEasyUI, Bootstrap, JavaScript, Axios, HTML5, CSS3, Bitbucket, JSON, Postman, Jira, MySQL WorkBench, Putty.

InfoxIT Pvt. Ltd., Butwal

Jun 2021 – Aug 2021

React Developer (Internship)

Project: The project was to design and program their **ERP Control Panel System**. I was responsible for developing couple of modules in the ERP Control Panel System.

Responsibilities:

- Design and development of Components using **React, Axios, React Router, Bootstrap and JEasyUI Components**.
- Implemented responsive UI rich web applications with **HTML5, CSS3, Bootstrap and React** and used reactive & template driven forms to associate **EasyUI Components** to model & provide dynamic user validations on client side.
- Build responsive UI interface for timesheet module and timesheet report modules using JEasyUI components.
- Fixed issues or bugs rose during the development of the modules.

Environment: Java 11, Jar file, NodeJS, ReactJS, JEasyUI, Bootstrap, JavaScript, Axios, Bitbucket.

EDUCATION:

Bachelor of Science in Computer Science and Information Technology (BSc. CSIT) [2017-2021]

Nepathya College (Tribhuvan University)

Intermediate Level in Science [2014-2016]

Oxford College