BIJENDRA **MANANDHAR**

Sr. Software Developer

Swoyambhu, Kathmandu   bizen.manandhar@gmail.com   bizendra.com.np   9841243299

PROFILE INFO

Skilled, Dedicated and career-oriented web application developer with extensive experience in Node.js, PHP and TypeScript programming. Passionate about designing scalable systems, developing robust applications, and adhering to best coding practices. Proficient in creating full-stack solutions, managing relational and NoSQL databases, and leveraging modern development frameworks. Known for a strong work ethic, ability to multitask, and delivering high-quality, maintainable software.

EXPERIENCE

2017- Present

EK Solutions / Juwagal, Lalitpur

Senior Software Developer

- Built and maintained scalable web applications using Laravel, Node.js, Nest.js and PostgreSQL, Mongo db.
- Implemented Queue System like Bull Queue and RabbitMQ.
- Implemented real-time functionalities using Web Sockets.
- Streamlined development some of the workflows by setting up CI/CD pipelines with Jenkins.
- Optimized database performance with advanced techniques such as indexing, denormalization, triggers, table partitions and stored procedures.
- Collaborated with cross-functional teams of 30+ members, fostering a culture of teamwork and innovation.
- Delivered high-quality projects, including e-commerce platforms, ensuring timely delivery.

2014 - 2016

Applied Innovation / Juwagal, Lalitpur

PHP Developer

- Started as an intern and advanced to the position of Senior Web Application Developer.
- Conducted research and developed websites, with a specialization in loan department of Nepal.
- Utilized Laravel framework and MYSQL for efficient database management.
- Acquired proficiency in API development and integration.

REFERENCE

Pratik Tuladar
EKbana/ Sr. Project Manager
Email: tuladharpratikofficeuse@gmail.com

EDUCATION

Bachelors in Computer Application
2023 | Indira Gandhi National Open University

Intermediate +2 Science
2008 | Kathmandu Institute of science and technology

School Leaving Certificate
2005 | Holy vision International School

LANGUAGES

- English
- Nepali
- Newari

PROJECTS DONE

Disaster Management System (Nepal Red Cross)
- **Role**: Developed CMS modules in Laravel, integrating MySQL, Sparrow SMS, and GIS maps via Leaflet.js.
- **Tech Stack Skill**: PHP Laravel Backend / API, MySQL, Sparrow SMS, GIS Map, Leaflet JS
- **links**: https://mis.nrcs.org/

VRS 2.0
- **Role**: Developed Backend APIs
- **Tech Stack Skill**: Express.js , Mysql

Bigmart CRM 2.0
- **Role:** Developed a CMS modules on Express.js and RESTful APIs
- **Tech Stack Skill**: Express.js, MongoDB, Firebase Notifications, Oracle Data migration
- **links**: crm.bigmartnepal.com

Unplug
- **Role:** Developed CMS modules and RESTful APIs using Express.js, integrating PostgreSQL, Firebase, AWS (S3, Lambda), Redis, Stripe Payment and Bull queue + Queue dashboard
- **Tech Stack Skill**: Express.js, MongoDB, Firebase, Postgresql , AWS (S3, Lambda), Python, Bull queue, Redis, Stripe
- **links**: unplug.com

IWI Myplace
- **Role:** Developed CMS modules and RESTful APIs using Express.js, integrating PostgreSQL (with managed stored procedures), Firebase, AWS (S3, Lambda), Redis, Bull queue with dashboard, and Google Drive APIs.
- **Tech Stack Skill**: Express.js, Vue.js, MongoDB, PostgreSQL, AWS S3 , Bull queue , Redis , GCP
- **links**: https://www.my-place.jp/

RECKI
- **Role:** Worked as a Tech Lead where I managed servers, set up CI/CD pipelines using Jenkins, explored cloud services like GCP and AWS APIs, and researched how to integrate AI and large language models into our systems.
- **Tech Stack Skills**: NestJS, MongoDB, PostgreSQL, Bull queue , Redis, GCP , Amazon Incentives API, Python , AI LLM implementations Api.
- **links**: https://recki.com/

RSP
- **Role:** Developed CMS modules and RESTful APIs using NestJS, integrating PostgreSQL (with managed stored procedures, triggers, and table partitions), Firebase, AWS (S3, Lambda), Redis, Bull queue with a dashboard, and Google Drive APIs.
- **Tech Stack Skills**: NestJS, NextJS, Express.js, MongoDB, PostgreSQL, AWS S3, Bull queue, Redis
- **links**: https://rspnepal.org/

TTC
- **Role:** Managed RESTful APIs using NestJS, integrating PostgreSQL (with managed stored procedures, triggers, and table partitions), AWS (S3, Lambda), Redis, and Bull queue. Also handled MSSQL to PostgreSQL data migration.
- **Tech Stack Skills**: NestJS, NextJS, Express.js, MongoDB, PostgreSQL, AWS S3, Bull queue, Redis
- **links**: https://dev-ttc.ekbana.info/

ACHIEVEMENTS

Intern Training

Successfully mentored a group of interns in database fundamentals and Node.js development. Received a certificate for exceptional training skills, providing guidance and fostering a positive learning environment.