Roshan Paudel

9867683715 | rozhan.paudel98@gmail.com | Kathmandu, 04

Summary

Self-Motivated, Quick Learner, and a team player (https://github.com/rozhanpaudel)

Experience

IDenTV LLC | San Francisco Bay Area, CA
Software Engineer | 06/2022 - Present

- Worked extensively with microservice architecture and experience in designing and implementing complex microservices
- Proficient in using gRPC for inter-service communication
- Proficient in using RabbitMQ as a message broker for microservices and
- Experienced in using Elasticsearch and Qdrant for indexing and searching data
- Successfully optimized complex aggregation on MongoDB and implemented caching using Redis
- Created efficient system architecture for Notification System and implemented using Socket.io
- Experience working with Docker and implementing CI/CD pipelines using CircleCI.
- Testing and Documentation using OpenAPI V3

LogicaBeans | Kathmandu, Bagmati
Node JS Developer | 03/2022 - 06/2022

- Responsible for creating REST APIs and adding new features to application
- Debugging and bug fixes in existing application
- Deploying the application to server

Leafnode Technology | Kathmandu, Bagmati
Full Stack Developer | 06/2021 - 02/2022

- Created database schemas, REST APIs that support business processes and integrated them to frontend using React framework.
- Implemented PayPal and Stripe Payment Gatewaysto the ecommerce application built with MERN Stack.
- Integrated AES-256 Encryption/Decryption Cipher to securely store the confidential information in the database.
- Communicated and maintained strong relationships with clients by delivering every project before deadlines

XYBA Health Technologies | Kathmandu, Bagmati
Junior Node JS Developer | 06/2020 - 05/2021

- Responsible for creating several REST APIs and deploying Node JS Application to AWS
- Integrated Socket.io to ExpressJS application and also created landing page for Doc Talk Mobile Application
- Used JWT tokens, Socket.io for real time communication, SMS Gateway for Mobile Verification, Node Mailer for emails, bcrypt JS, and other more packages for secure data exchanges between client and server.
- Deployed Node JS Application in AWS LightSail and pointed out to Domain. Managed AWS LightSail instances and acted as SysAdmin

Skills

C/C++, Javascript, Node.js, REST, Express.js, Socket.io, React.js, Redux, Next JS, MongoDB, Redis, MySQL, Elasticsearch, RabbitMQ, gRPC, Swagger, Git, Jira, Mocha, Chai, Jest, Sinon JS, AWS S3, AWS EC2, AWS LightSail, Heroku, Netlify, mongoose, sequelize, typeorm, Redis, Qdrant

Education

Tribhuwan University | Kathamandu, Bagmati
Bachelor in Computer Science and Information Technology | 08/2021
Undergraduate Coursework: Operating Systems; Digital Logic; Theory of Computation; Databases; Data Structures and Algorithms; Programming Languages; Web Technology; Java Advanced Programming; Comp. Architecture; Microprocessor; Calculus III etc.

Projects

Keykes E-commerce Application (2021) - Online Market where people can browse and buy licenses of digitalservices and products instantly through Stripe and PayPal. - Technologies Used: Javascript, NoSQL, React JS, ExpressJS, Node JS

Doc Talk Mobile Application Backend (2020) - Doc Talk Mobile Application is a chat-based health management app used by doctorsto keep track of the records of patient health Issues. - Technologies Used: Javascript, NoSQL, ExpressJS, Node JS, Socket.io

Mero Chatroom Application (2020) - Mero Chat Room is a role-based web application where a user can register, login, can create unique chat rooms & add others users to the room and chat with them about the confidential Issues. - Technologies Used: Node JS, Express JS, MongoDB, React JS

Training and Certifications

MERN Stack Developer Trainee - Broadway Infosys Nepal

Languages

Nepali, English, Hindi