PARAMESWARMAN KARKI

CONTACT

📞 +977-9842473580

✉️ prameshkarki0407@gmail.com

↖️ www.karkipramesh.com.np

📍 Sankhamul, Kathmandu Nepal

ABOUT ME

Accomplished software engineer, adept at driving pivotal contributions to widely adopted projects. Adaptable, detail-oriented, and skilled in architecting solutions for intricate problems. A collaborative team player, relentless in pursuing excellence, and committed to perpetual learning. Actively seeking avenues to leverage expertise for transformative impact.

EDUCATION

Bachelor in Computer Engineering
Pokhara University
NCIT Balkumari, Lalitpur
2018- 2023

Computer Science
Vishwa Adarsha Higher Secondary School
Itahari,Sunsari
2016-2018

SKILLS

- Javascript, Typescript
- React JS, Next JS
- Node JS,Express JS,Nest JS
- Amazon Web Services (AWS)
- SQL,MySQL,Postgres SQL,Redis
- MongoDB
- ORM (Typeorm,Prisma, Drizzle ORM)
- UI Libarary (Material UI, Chakra UI,Mantine UI, Shadcn UI)
- Docker
- CSS,SCSS,Bootstrap,Tailwind CSS
- Dart,Flutter
- TSOA,Swagger UI
- Linux,GIT
- Rabbit MQ
- REST API Development,GraphQL
- Microservice
- Unit Testing
- Data structures and Algorithms
- NGINX

EXPERIENCE

Full Stack Developer
Cliffbyte PVT.LTD

June 2022 - Running

- Front-end Development: Implemented responsive and user-friendly interfaces by leveraging React.js components, JSX syntax, and CSS styling frameworks (e.g., CSS-in-JS,Styled Components).
- Back-end Development: Developed scalable and efficient server-side logic using Node.js,Express.js to handle data persistence and retrieval
- Database Management: Worked with MYSQL and PostgreSQL and utilized TypeORM to model database schemas, define relationships, and perform CRUD operations.
- API Development: Designed and implemented RESTful APIs and GraphQL to facilitate seamless communication between front-end and back-end components, ensuring efficient data flow and functionality.
- Devops:Streamlined development and deployment by implementing CI/CD pipelines, Infrastructure as Code (IaC) using tools like Vagrant, Docker for containerization, and automated testing frameworks

Freelancer

Worked with various clients across multiple nations to build Mobile App and Web App in Multiple Context (E-Commerce, NFT Marketplace)

LANGUAGE

- English
- Nepali
- Hindi

HOBBIES

- Watching Sports
- Travelling
- Public Speaking

PROJECTS

- **Nagarpalika Service Delivery**
  Role: Team Lead, Full Stack Developer
  URL:https://phidim.cliffbyte.com/
  Technologies used: Node JS, React JS, Postgresql, TypeORM, Chakra UI, Typescript, GraphQL,
  RabbitMQ, WebSocket, Microservices
  Description:
    - A technological marvel, serving as a central hub for millions of users across the municipality. Designed to streamline and enhance civic services, this application is a testament to efficient governance, robust security, and intricate microservices orchestration.
    - Combination of more than 10 microservices (Nagarpalika Wadapatra,Profiling, Sifarish, Ijalas etc.)

- **System of Nepal Copyright Registrar's Office**
  Role: Full Stack Developer
  URL:https://system.nepalcopyright.gov.np/
  Technologies used: Node JS , React JS , MySQL , TypeORM , Bootstrap,Typescript,TSOA,WebSocket
  Description:
    - Innovative software solution developed to streamline the operations of the Nepal Copyright Registrar's Office.

- **United Nations Development Programme(UNDP) Management Information System(MIS) :**
  Role: Team Lead, Full Stack Developer
  URL: https://wlmmis.dofsc.gov.np/
  Technologies used: Node JS , React JS , MySQL , TypeORM , Material-UI,Typescript,TSOA
  Description:
    - An information management system employed to gather, store, and examine data concerning diverse natural assets within a municipality.

- **PU Hub**
  Role: Full Stack Developer
  URL: https://play.google.com/store/apps/details?id=tech.webtron.puhub
  Technologies used: Express JS, PostgreSQL, Flutter, Firebase
  Description:
    - A mobile application compatible with multiple platforms that offers access to notes, a collection of previous exam questions, and valuable information related to Pokhara University's engineering department and curriculum.

- **Music Recommendation System**
  Role: Backend Developer and Machine Learning
  URL:https://github.com/PrameshKarki/music-recommendation-system
  Technologies used: Nest JS, Flask, React, Tensorflow, Mantine UI
  Description:
    - A web application that utilizes a user's webcam to discern their mood and subsequently suggests songs tailored to their emotional state.

- **Online Bidding System**
  Role: Fullstack developer
  Technologies used: Express JS, React JS, Firebase, Mysql
  Description:
    - A web application that facilitates multiple users to participate in bidding for second-hand items. The item is then awarded to the user with the highest bid within a specified time interval.