Bishal Shrestha

✉ mr.shrestha713@gmail.com | 📱 9869264587

 github.com/bishalshrestha013 | in linkedin.com/in/mrshrestha/

Skills

Languages: Typescript, Javascript, Python, SQL

Frontend technologies: React.js, Redux, RTK query, HTML, CSS

Backend technologies: Node.js, Fastify.js, Express.js, Postresql

Miscellaneous: Docker, Swarm, Gitlab CI/CD, Github Actions, Nginx, Traefik, Sentry, No-code platform (make.com), AWS, EC2, S3

Work Experience

Dzango Techonologies   Sept 2023 - Present

Software Engineer

- Led the development of MVPs for different clients, delivering complete solutions from planning to deployment in fast-paced environments.
- Built and maintained scalable web applications using Fastify (Node.js) and React.js, improving performance and reliability across multiple projects.
- Designed and implemented RESTful APIs, database schemas, and core backend logic using PostgreSQL and Node.js.
- Developed and maintained open-source internal packages for React and Fastify, published to the public npm registry, enabling reusable components and services across current and future projects.
- Collaborated with cross-functional teams to build SaaS products and multi-tenant applications with role-based access and modular architecture.
- Automated and streamlined agreement-processing workflows using no-code/low-code tools, reducing manual effort for the operations team.
- Node, Postgresql, Fastify, ReactJS, Docker, Gitlab CI/CD, Github Actions, Nginx, Traefik, Sentry, AWS, EC2, S3

Education

Paschimanchal Campus, IOE, TU   2018 - 2023

B.E. in Computer Engineering

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks

Project Work

- **Baby Cry Classification System:** Developed a web based machine learning system that classifies the reason behind cry of baby using Support Vector Machine(SVM) and Random Forest algorithm. Used Scikitlearn, Dzango (Backend) , React.js (Frontend), Jupyter Notebook.
- **MeroDokan: E-commerce Website:** Developed a web based platform to buy and sell products online. Used Dzango (Backend) , React.js (Frontend), Postgresql

Certificates

- **Machine Learning** — Stanford University
- **Neural Networks and Deep Learning** — DeepLearning.AI