

MANISH CHHETRI

WEB DEVELOPER · FULL STACK DEVELOPER

Kathmandu 29, Anamnagar, Bagmati

☎ (+977) 9814171851 | ✉ hsinam12man34@gmail.com | 🌐 manish-chhetri.netlify.app | 📱 chhetri123 | 📺 chhetri123 | 🎓 Manish Chhetri

“Be the change that you want to see in the world.”

Profile

With extensive experience, I have a proven ability to solve problems and collaborate effectively with teams to deliver high-quality, creative solutions on time. I excel in ensuring security and performance in my projects. With a strong background in databases and expertise in cloud services like AWS, as well as containerization and orchestration tools such as Docker and Kubernetes, and microservices architecture, I am seeking opportunities to add value, grow my skillset, and participate in meaningful work. Additionally, I am proficient in full-stack development with ReactJS, NestJS, further enhancing my ability to deliver comprehensive solutions across the entire software stack.

Technical Skill

Back-end :- Node, Express, NestJS, Redis, Sockets

Front-end :- CSS, ReactJS, NextJS, Material UI

Database :- NoSQL: MongoDB, SQL: Postgres, MySQL

DevOps :- Docker, Kubernetes, CI/CD pipelines (Jenkins, GIT), Ansible, Kafka, ElasticSearch, Nginx

Cloud Services :- AWS: EC2, ECS, S3, Serverless Lambda, VPC

Experiences

EnterLeaf

MICROSERVICE BACKEND DEVELOPER

Kuleshwor, Kathmandu Nepal

Jan. 2024 - Present

- Architecting microservices and implementing containerization for scalability.
- Utilizing CI/CD pipeline for efficient deployment.

UpStartPrep

BACKEND DEVELOPER

Knoxville, Tennessee, United States

Dec. 2022 - JUN. 2023

- Creating and improving application programming interfaces (APIs), architecture, and servers, and databases (SQL) for E-Learning Platforms.
- Implementation of Payment System (Stripe) and Used Cloud Services like AWS
- Implementation of microservices-based architecture, incorporating containerization and CI/CD pipeline for efficient development, deployment, and scaling.

Education

Paschimanchal Campus

B.E. IN ELECTRONICS, COMMUNICATION AND INFORMATION

Pokhara -10, Lamachaur

2019 - 2024

Projects

Real Time Vote Ranking

CODE

- Implemented a Real-Time Vote Ranking system using Nest.js Web Socket Gateway for secure communication and JWT tokens for user authentication.
- Utilized Redis micro-services for efficient data handling, and Docker for containerization. The front-end was built with React and integrated with Socket.io for real-time updates.

RBAC Authorization Template

CODE

- Developed a robust Role-Based Access Control (RBAC) system using NestJS, a popular Node.js framework.
- Implemented granular user permissions through custom decorators and guards, ensuring fine-grained control over user actions.

Best Tour Destination Search

CODE

- Developed a Tour Search App with Node.js and MongoDB, featuring user authentication with JWT for login, signup, and password reset functionalities.
- The front-end is powered by Pug templates and CSS, while Mapbox is integrated for interactive map services.
- The app provides access to a range of tour-related endpoints, allowing users to discover nearby attractions, access tour listings, create new tours, and manage existing tours effortlessly.

Youtube Clone

CODE & DEMO

- Crafted a YouTube Clone using React and CSS, featuring a robust search functionality to discover and view videos seamlessly.
- The application also includes a trending as Front Page to keep users updated with popular content.

Image Caption Generation in Nepali Language

CODE

- Conducted Image Caption generation using the transformer architecture model on a cultural heritage dataset with 2.5k images of 6 heritage sites in Nepal.
- Explored dataset properties, prepared datasets and data loaders, and applied data preprocessing techniques, including data augmentation.
- Implemented interactive UI using reactJS and bookend server to communicate with model using flask.

Reference By

Shisir Paudel

Research Assistant at Active Learning Lab

Kathmandu University

☎ (+977) 9846913433

✉ shishirpaulofficial@gmail.com

🌐 shishir-paudel

Swikrit Adhikari

Software Engineer

Fusemachine

☎ (+977) 9813677900

✉ sulabhadhikari90@gmail.com

🌐 Swikrit Adhikari