

# Bharat Dangi

## Senior Software Engineer

**Dynamic Senior Software Engineer** with 3.5+ years in full-stack development, specializing in scalable, high-performance solutions. Skilled in translating complex requirements into actionable plans, managing cross-functional teams, and driving successful project outcomes. Expertise includes **software design, testing, debugging, clean code writing, code reviews, and mentoring junior developers** to enhance team capabilities.

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## WORK EXPERIENCE

### SENIOR SOFTWARE ENGINEER

PortPro | Drayage Software

06/2023 - 07/2024

USA

#### Achievements/Tasks

- **Participated in code reviews, providing constructive feedback** to peers and fostering a culture of continuous improvement and collaboration.
- **Mentored and trained junior developers**, enhancing their technical skills and contributing to the overall growth of the development team.
- Utilized AWS services, including **AWS Lambda, Docker, AWS CloudWatch, New Relic, Elastic Search, and Kibana**, for deploying, monitoring, and maintaining cloud-based applications.

### SOFTWARE ENGINEER

PortPro | Drayage Software

01/2022 - 06/2023

USA

#### Achievements/Tasks

- Standardized a web automation script to extract data from multiple port sites, reducing costs by 70% using technologies like **NodeJS, ExpressJS, AWS Lambda Function, Cron, MongoDB and Puppeteer**.
- Designed and developed a standalone service for map direction and distance, reducing external API call costs by 80% using technologies like **NodeJS, ExpressJS, TypeScript, MongoDB, Redis, MapBox, HereMap, and TimeScaleDB**.
- **Engineered a scalable microservices-based architecture for automatic tariff calculation** serving 500+ concurrent users, enhancing system throughput by 200%, reducing server load by 20%, and increasing user satisfaction by 35%.

### JUNIOR SOFTWARE ENGINEER

Encoders Inc. | Software Company

11/2020 - 01/2022

Remote

#### Achievements/Tasks

- **Designed and implemented a full-stack web application using MongoDB, ExpressJS, ReactJS, and NodeJS (MERN stack), creating RESTful APIs** for seamless data flow between frontend and backend.
- Enhanced frontend performance by implementing efficient state management with **Redux**, improving application responsiveness and user experience, leading to a **30% increase in user engagement**.
- **Developed secure user authentication and authorization using JSON Web Tokens (JWT) and bcrypt** for password hashing, ensuring data security and user privacy, resulting in a 40% reduction in security incidents.

## SKILLS

NodeJS

MongoDB

Postgres

HapiJS

JavaScript

Redux

TimeScaleDB

AWS Lambda

AWS Cloudwatch

Kibana

E2E Testing

ExpressJS

ReactJS

Redis

HTML/CSS

TypeScript

Web Automation

New Relic

Docker

Elastic Search

Unit Testing

Design Patterns

## EDUCATION

### Bachelor of Computer Engineering

Tribhuvan University

10/2017 - 09/2022

Kathmandu, Nepal

## CERTIFICATES

Complete ReactJS Developer Bootcamp  
(11/2020 - 02/2021)

Full Stack MERN Bootcamp (03/2021 - 05/2021)

HTML and CSS for Modern Web Development  
(06/2021 - 06/2021)

The Complete MongoDB Course (05/2021 - 07/2021)

Redis: The Complete Developer's Guide  
(01/2022 - 02/2022)