

# Dipang Bhadrecha

Backend Software Engineer

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

## PROFESSIONAL SUMMARY

Software Engineer with over 2 years of overall experience in software development, including 1 year of professional backend work using Node.js and AWS. Strong foundation in problem solving, system design, and scalable systems across multiple programming languages (JavaScript, Python, C++). Focused on building maintainable, high-performance applications with an engineering-first mindset.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, C++, C

**Backend:** Node.js, Express.js, Django, FastAPI, RESTful APIs

**Databases:** MongoDB, MySQL, PostgreSQL, Redis

**Cloud & DevOps:** AWS, Linux, CI/CD (GitHub Actions), Docker, Microservices Architecture

**Frontend:** React.js, Next.js, HTML5, CSS3

**Tools:** Git, GitHub, Postman, Socket.IO

Data Structures & Algorithms, API Testing

## WORK EXPERIENCE

**Seafreshh** Freelance Developer

Oct 2024 – Mar 2025

**Project :** Seafreshh Platform – Online Seafood Marketplace

- Collaborated with the client to gather and analyze requirements.
- Designed the frontend interaction flow in Figma and presented it for client approval.
- Developed the complete backend architecture using Node.js, Express.js, and MongoDB, and deployed the application on an AWS EC2 instance.
- Coordinated with the frontend team to ensure smooth API integration and end-to-end functionality.

**Ahura Technosoft** Software Engineer

Sep 2023 – Oct 2024

**Project :** Evindia – EV-Focused Platform

<https://evindia.online/>

- Worked on the backend of the Admin Panel Dashboard, integrating new APIs and maintaining existing ones.
- Optimized existing MongoDB aggregation pipelines for Excel/CSV processing, reducing lead processing time from 15 minutes to 1 minute (93% improvement).
- Migrated database infrastructure to AWS, centralizing backend, database, and server architecture while reducing latency by 60%

**Project :** Atleast – Real-Time Multiplayer Card Game

- Designed and implemented the backend architecture using Node.js, Redis, and Socket.IO for real-time multiplayer functionality.
- Developed game logic, matchmaking systems, and scalable real-time APIs for seamless player interactions.
- Built optimized data models and state systems for smooth real-time gameplay.

## **Project : Quotastic – Quotation Management App**

- Debugged and optimized existing RESTful APIs, reducing error rates by 90% and achieving 99.5% system uptime.
- Enhanced API responses and fixed integration issues for seamless frontend connectivity.

**Bytes Technolabs**    Node.js Developer Trainee

**Mar 2023 – Jul 2023**

## **Project : Grocery Application Backend Development**

- Built and integrated RESTful APIs for a grocery platform using Node.js, Express.js, and NestJS.
- Managed MongoDB and MySQL databases to ensure reliable data flow.
- Completed a structured Node.js training program, mastering JavaScript, TypeScript, and backend architecture fundamentals.

**Rushkar Technology**    .NET Developer Intern

**Mar 2022 – Aug 2022**

## **Project : Nigarsa Enterprise Management System**

- Analyzed and debugged enterprise applications using .NET, C#, and SQL Server.
- Conducted project analysis of the “Nigarsa” enterprise system, improving code documentation by 30%.
- Strengthened understanding of software design through performance optimization and debugging.

## **PROJECTS**

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### **PromptFlow – AI Learning Platform**

<https://prompt-learn.vercel.app/>

- Built AI-powered learning platform using Next.js and Node.js transforming linear chat into visual chat.
- Implemented node-based branching system and summarization tool improving user engagement by 60%
- Developed MVP with real-time doubt resolution and context retention features for structured learning

## **EDUCATION**

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### **B.Tech in Computer Engineering (July 2021)**

Gujarat Technological University (GTU)

Rajkot, India