Vikalp Gandha

Software Engineer

Backend Developer with 1.5 years of experience in full-stack development, specializing in backend technologies. Proficient in ReactJS, Next.js, Node.js, Ethereum blockchain development, and GPT AI-related libraries such as Langchain. Currently learning Rust and developing the first project using Rust. Passionate about building scalable and efficient backend systems.

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WORK EXPERIENCE

Software Engineer
Clementius LLP

01/2023 - Present   *Ahmedabad, Gujarat*

Achievements/Tasks

- Solely Developed a real-time car diagnostics app using React Native that reads and displays speed and RPM in real-time, utilizing a Bluetooth OBD II adapter.
- Created LangChain-based document chat app for contextual question-answering.
- Published client APIs as SaaS on Azure Marketplace using Azure Serverless functions and Subscription Fullfillment APIs.
- Actively participated in Hyperledger Besu private blockchain implementation with QBFT consensus.
- Deployed and managed backend and frontend applications on cloud platforms, including DigitalOcean and Vultr.
- Developed POC to impliment Bitcoin Inscription Flow using ReactJS, NodeJS and ord library.

PERSONAL PROJECTS

Personal Telegram Bot (05/2024 - Present) ↗

- Developed a personal Telegram bot using Rust and the Teloxide library for automating and enhancing various personal tasks.
- Implemented an expense tracking feature to log and categorize personal expenses efficiently through simple commands.
- Utilized Rust's concurrency capabilities to ensure the bot handles multiple tasks and user requests efficiently.
- Ongoing development includes plans to add more personalized tools and features for enhanced functionality and bug fixes to current features.

Portfolio Website (12/2022 - 01/2023)

- Implemented a responsive and dynamic user interface using ReactJS for the frontend.
- Utilized NodeJS for the backend to handle server-side functionalities and data management.
- Included a comprehensive display of my technical skills, highlighting proficiency in various languages and tools.
- Featured a dedicated section showcasing my projects, providing details on their technologies and achievements.

EDUCATION

Bachelor of Engineering (ME)
Gandhinagar Institute of Technology

08/2015 - 06/2019   *CGPA: 8.09*

SKILLS

NodeJS   ReactJS   React Native   NextJS   TypeScript   Azure Serverless Fucntions   Rust   JavaScript   Python   Angular   C   Solidity   Docker

CERTIFICATES

Node.js, Express, MongoDB & More: The Complete Bootcamp (Udemy) (12/2020 - 03/2023) ↗

React - The Complete Guide (Udemy) (10/2022 - 12/2022) ↗

NextJS 14 and React - The Complete Guide (Udemy) (02/2024 - Present)

The Complete JavaScript Course 2024: From Zero to Expert! (Udemy) (06/2022 - 12/2022) ↗

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Gujarati
Native or Bilingual Proficiency

INTERESTS

Enjoys reading scientific books

Explores new technologies to stay informed.

Love to learn about how computers work, particularly from a software perspective.

Tinkering with Android, including using custom OSes and delving into internal workings of it.