

VASUDEO GAICHOR

Experienced Backend Developer with a strong background in Node.js and related frameworks. Skilled in building scalable and efficient backend systems, database schema design and debugging. Committed to mastering both frontend and backend web development for enterprise node.js applications.

Work Experience

Node.js Developer, Smartinfologiks

Feb 2024 - Present

- Designed and implemented integration with diverse payment vendors (e.g., QR Code, AEPS, DMT) in a fintech application, enhancing transaction reliability and scalability.
- Optimized API performance and automated report generation using Excel and localized calculations, significantly improving efficiency in a Loan Origination System (LOS) application.
- Developed a robust, standalone Payment Gateway application with features for client onboarding, secure payment processing, and comprehensive transaction history management.
- Engineered scalable backend systems to support Generative AI applications, enabling seamless data processing and model integration.

Associate Software Developer, VR Ventures

Sep 2022 - Feb 2024

- Developed and deployed efficient web scraping and automation scripts using Python for various in-house projects, streamlining data acquisition and repetitive processes.
- Built, debugged, and optimized APIs and databases for Node.js projects, ensuring robust functionality and scalability.
- Integrated Large Language Model (LLM) tools to enhance entity segregation and automate complex workflows, improving operational efficiency.
- Reduced latency in CRUD APIs by optimizing SQL queries, leading to significant performance improvements in data-intensive operations.
- Contributed to diverse domains, including social networking platforms, admin panels, and communication platforms, demonstrating adaptability and technical versatility.

Key Projects

Fintech Application

Web and mobile-based comprehensive digital wallet solution designed exclusively for retail businesses, offering seamless money transfer and financial transaction capabilities. The platform integrates multiple payment vendors and ensures secure, real-time processing of transactions.

Responsibilities:

- **Designed and implemented robust backend APIs** to enable secure and seamless money transfer functionality for a fintech product.
- **Integrated payment gateways and vendors** such as Razorpay, and others to handle transactions efficiently across multiple payment channels.
- **Developed and tested webhook integrations** for real-time processing of payment events, ensuring accurate synchronization of transaction statuses.
- **Enhanced scalability and reliability** by optimizing API performance and implementing fallback mechanisms for payment vendor downtime.
- **Ensured compliance with financial regulations** and industry standards, incorporating security measures like encryption and tokenization in transaction workflows.
- **Collaborated with cross-functional teams** to define system requirements and improve user experience for money transfer features.
- **Evaluated and onboarded new payment vendors** to expand transaction capabilities and support diverse user needs.

Contact

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github.com/vasudeogaichor

vasudeogaichor.pythonanywhere.com

Skills

- Node.js, React.js
- HTML, CSS, Javascript
- SQL, MongoDB
- Express.js, Nest.js, Restify.js
- Git, Docker
- Socket.IO, Python, Typescript

Personal Projects

Quiz Platform

<https://quizplatform.vercel.app>

- Web app for timed MCQ tests with CAT engine
- Stack: React.js, Express.js, REST, MongoDB, Google OAuth

Mongo Stream Helper

<https://github.com/vasudeogaichor/mongo-stream-helper>

- CLI tool for streaming large amounts of MongoDB data
- Stack: mongodb, node-notifier, ora, commander, enquirer

Educational Background

Bachelor's in Mathematics

D G Ruparel College, Mahim, Mumbai

2015 - 2018

PG Program In Analytics And Artificial Intelligence

Imarticus Learning, Mumbai

2021-2022