TIRTH JAIN

Senior Software Engineer

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SUMMARY

Senior Software Engineer with over 5+ years of experience building scalable backend systems, cloud-based microservices, and distributed applications. Skilled in Node.js, React.js, and REST APIs. Proven ability to optimize performance, work in Agile environments, and mentor teams to deliver high-impact solutions.

EXPERIENCE

Software Developer III

Zuru Tech PVT LTD

📅 11/2023 - Present

- Scaled and maintained several Node.js services with a focus on stability and performance under moderate load.
- Identified and resolved memory leaks in backend services, improving overall system reliability.
- Refactored legacy code into smaller modules, reducing codebase complexity and improving maintainability.
- Participated in design discussions for distributed services and reviewed code for junior developers.
- Developed REST APIs and microservices to support internal tools and workflows.

Software Engineer

Hiddenbrains Infotech PVT LTD

📅 10/2021 - 08/2023

- Worked on a KPI dashboard project by developing modules and fixing bugs in the existing system.
- Refactored backend components to improve code quality and maintainability.
- Assisted junior developers with reviews and shared best practices within the team.
- Collaborated across design, backend, and QA in an Agile setup to deliver incremental improvements.

Fullstack Software Engineer

Align Connect PVT LTD

📅 06/2020 - 10/2021

- Built internal platforms including a Lead Management System, Employee Tracker, and a basic e-commerce site.
- Designed REST APIs and implemented UI components using React for in-house usage.
- Helped reduce lead assignment time by simplifying lead flow for team leaders.
- Involved in tech interviews and participated in evaluating candidate technical rounds.

SKILLS

NodeJs   ExpressJS   NestJs

TypeScript   Javascript

API Integration   Rest APIs

Socket Programming   MySQL

MongoDB   PostgreSQL   RabbitMQ

Redis   Langchain   ElectronJs

NextJs   ReactJs   AWS   git

Data Structure   Docker

Unit testing   CI/CD   GraphQL

PROJECTS

Chatbot

- Developed a chatbot engine with **dynamic prompt handling** using Langchain and Meta APIs.
- Integrated Instagram and Facebook messaging via Webhooks for automated real-time replies.
- Designed a **Node.js backend** with scalable PostgreSQL schemas for user and session data.
- Reduced customer support load by **~20%** through automation of common queries.
- Built an admin panel to manage responses, logs, and conversation flows.

Netra

- Developed a full-featured platform to manage influencer onboarding, campaign creation, and brand collaborations.
- Built an influencer portal allowing creators to connect their **Instagram, TikTok, and YouTube** accounts for media submissions.
- Implemented **automated media scheduling and publishing** to selected social platforms directly from the platform.
- Created real-time **chat room functionality** with auto-generated groups per campaign to enable seamless communication between internal teams and influencers.

EXPERIENCE

Software Developer

Finbyz Tech PVT LTD

📅 06/2019 - 02/2020

- Developed a real-time currency conversion utility for internal and client use.
- Wrote and maintained frontend features and backend logic using JavaScript and Python.
- Interacted with clients to gather feedback and debug issues in deployed apps.
- Delivered regular fixes and minor enhancements to keep tools functional.

EDUCATION

Master in computer application

Chimanbhai Patel Institute of Computer Application

📅 07/2019 - 07/2021

GPA **8** / 10

Bachelor in computer application

Teerthanker Mahaveer University

📅 04/2016 - 04/2019

GPA **7.9** / 10

PROJECTS

MRS OIL & GAS

- Engineered backend workflows for **order processing, logistics, and invoicing** in the oil & gas retail ecosystem.
- Developed **RESTful APIs** for real-time status updates, dashboard metrics, and analytics exports.
- Used **Gearman workers** to run 9K+ queries every 15–30 mins without performance impact.
- Enabled dynamic dashboards for tracking transportation and stock status across CORO, COCO, RORO and other Dealers.

ArAyurveda

- Developed a complete **e-commerce platform** for Ayurvedic products with SEO-optimized product pages, dynamic homepage, and blog integration.
- Integrated **Razorpay** for secure online payments and order confirmations.
- Built an admin panel with modules for **order processing (Order Room)**, real-time sales analytics (Dashboard), inventory lifecycle management, and customer feedback moderation.
- Enabled a **dynamic homepage** to showcase promotional banners, top-rated products, and trending blogs.

Lead Management System

- Built a complete CRM-like lead system for AR Ayurveda and social campaigns.
- Implemented role-based workflows: **TL assigns → Sales updates → Feedback loop stored.**
- Streamlined lead flow using real-time updates and status tracking in the admin UI.

Finbyz Ticker

- Created a lightweight window app for **real-time currency conversion**.
- Implemented auto-refresh logic and caching for smooth UI experience.
- Enhanced app performance by optimizing network calls and memory usage.
- Designed frontend widgets to visualize live rate changes with minimal delay.