DEV V TRIVEDI
SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Innovative Software Engineer with 2+ years of experience designing scalable full-stack web applications and microservices architectures. Expert in React.js, Node.js, and cloud-native solutions on AWS. Proven ability to deliver high-performance user interfaces and robust backend systems, optimizing page load times by 40% and streamlining API integrations. Passionate about clean code, system design patterns, and building distributed systems.

PROFESSIONAL EXPERIENCE

BRIK Partners   Hyderabad, India
Software Engineer   *Nov 2023 – Present*
- Spearheaded the architecture of a full-stack CRM dashboard using MERN stack, slashing manual workflow time by 45%.
- Engineered resilient Microservices to process 10k+ daily transactions, integrating secure payment gateways.
- Accelerated frontend rendering performance by 35% through advanced code-splitting and memoization strategies.
- Orchestrated automated CI/CD pipelines via GitHub Actions, doubling deployment frequency and reliability.

PROJECTS

Scalable E-Commerce Microservices github.com/Dev-V-Trivedi/ecommerce-microservices   *Jan 2025 – Mar 2025*
Personal Project
- Designed a distributed e-commerce backend using Microservices architecture (Order, Product, Auth services) with Node.js and RabbitMQ for async communication.
- Implemented secure authentication and authorization using JWT and OAuth 2.0, supporting secure user sessions across services.
- Deployed services using Docker containers and Nginx reverse proxy to handle high-concurrency traffic simulation.

Tech: Node.js, Express, MongoDB, RabbitMQ, Docker, Nginx

AI-Powered Resume SaaS Platform apxero.dev   *Dec 2024 – Present*
Founder & Lead Dev
- Built a production-ready SaaS application for dynamic resume generation using React.js and TypeScript with real-time preview capabilities.
- Integrated OpenAI GPT-4 APIs to provide context-aware content suggestions, utilizing edge functions for low-latency responses.
- Implemented subscription management and payment processing workflows using Stripe Webhooks and Firebase Cloud Functions.

Tech: React, TypeScript, Next.js, Firebase, Stripe, OpenAI API

Real-Time Collaboration Tool github.com/Dev-V-Trivedi/collab-tool   *Oct 2024 – Nov 2024*
Personal Project
- Developed a collaborative document editing tool similar to Google Docs, enabling multiple users to edit text simultaneously in real-time.
- Utilized WebSockets (Socket.io) and Redis for sub-millisecond state synchronization and presence detection.
- Implemented Operational Transformation (OT) algorithms to resolve merge conflicts and ensure data consistency across clients.

Tech: React, Socket.io, Redis, Node.js, AWS EC2

EDUCATION

B.Tech – Computer Science (IoT)   2022 – 2026
Siddhartha Institute of Technology and Sciences   *Hyderabad, India*
Focus: Data Structures & Algorithms, Distributed Systems, DBMS

SKILLS

Languages:	JavaScript (ES6+), TypeScript, Python, Java, SQL
Frontend:	React.js, Next.js, Redux, Tailwind CSS
Backend:	Node.js, Express, Microservices, REST APIs, GraphQL
Databases:	PostgreSQL, MongoDB, Redis, DynamoDB
DevOps:	Docker, Kubernetes, AWS (EC2, Lambda), CI/CD
Soft Skills:	Agile Leadership, Complex Problem Solving, System Architecture, Cross-functional Communication

CERTIFICATIONS & INTERESTS

Certifications:	Full Stack Development Bootcamp, AWS Certified Cloud Practitioner (Pursuing), Postman API Fundamentals Student Expert (2024)
Languages:	English (Professional), Hindi, Telugu, Gujarati
Interests:	System Design, Open Source Contribution, Cloud Architecture, UI/UX Engineering