

TIRTH JAIN

Senior Software Engineer | Full-Stack Developer (React.js, Next.js, Node.js)

Ahmedabad, Gujarat, India | 7984814283 | tirth886jain@gmail.com | linkedin.com/in/tirthjaindev | tirthj.dev

PROFESSIONAL SUMMARY

Full-stack software engineer with 6+ years of experience designing and building scalable web applications. Skilled in React.js and Next.js for responsive, accessible front-end interfaces, and in Node.js, Express, NestJS, and PHP (CodeIgniter) for building clean, modular back-end services. Experienced in designing and documenting REST APIs, integrating RabbitMQ for messaging, and using Redis/Memcached for caching to keep systems reliable at scale. Proficient across relational (MySQL, PostgreSQL) and NoSQL (MongoDB) data stores, including schema design, index optimization, and sharding. Proven track record mentoring junior developers, leading code reviews and knowledge-sharing sessions, and partnering with product owners to deliver production-ready features on time within Agile teams.

CORE SKILLS

JavaScript, TypeScript, PHP, React.js, Next.js, Node.js, Express, NestJS, CodeIgniter, MySQL, PostgreSQL, MongoDB, RabbitMQ, Redis, Memcached, REST API Design, Database Design, Code Reviews, Mentoring, Cisco Certified Network Associate - Routing and Switching (CCNA), Lambda, EC2, S3, RDS, SQS / SNS, Docker, Zoho API, QuickBooks API, Razorpay, Stripe, Langchain, Meta APIs

PROFESSIONAL EXPERIENCE

Senior Software Engineer | Virtual Building Studio Inc

March 2026 - Present

Ahmedabad, Gujarat, India

- Working as Senior Engineer managing multiple microservices with third-party integrations, including Zoho and QuickBooks APIs.
- Solving business-critical problems by designing and implementing scalable backend solutions.
- Managing server infrastructure and monitoring, reducing server costs while improving overall stability.

Software Developer III | ZURU Tech

Nov 2023 - Mar 2026

Ahmedabad, Gujarat, India

- Scaled and maintained multiple Node.js services supporting high-traffic production workloads.
- Diagnosed and fixed memory leaks in long-running services to prevent crashes under high-concurrency scenarios.
- Refactored legacy code for modularity, significantly improving maintainability and developer velocity.
- Reviewed code and mentored junior developers on engineering best practices.

Software Engineer | Hidden Brains InfoTech Pvt. Ltd.

Oct 2021 - Aug 2023

Ahmedabad, Gujarat, India

- Developed and maintained a KPI dashboard project, improving project modularity and maintainability.
- Built and maintained modules within a connected MRS Portal project.
- Conducted code reviews, mentored junior developers, and delegated tasks to support their growth.
- Collaborated across design, backend, and QA in an Agile setup to deliver incremental improvements.

Fullstack Software Engineer | Align Connect

Jun 2020 - Oct 2021

India

- Developed and maintained a Lead Management System, Employee Management System, and e-commerce platform.
- Owned both backend and frontend development, designing APIs and implementing UIs for seamless user experience.
- Conducted technical interviews, evaluated candidates, and contributed to hiring decisions for team growth.

Software Developer | FinByz Tech Pvt Ltd*Jun 2019 - Feb 2020**Ahmedabad Area, India*

- Developed, deployed, and maintained the FinByz Ticker application using JavaScript and Python.
- Collaborated directly with clients to gather requirements and track issues for enhanced application stability.
- Implemented new features and resolved bugs to improve application performance.

PHP Developer Intern | Grras Solution*Jun 2018 - Aug 2018**Ahmedabad Area, India*

- Assisted in PHP development tasks as part of an internship program.

PROJECTS

Tracker

- Built a folder transfer module to copy and migrate large data (500GB-700GB) across local storage; configured Active Directory group policies and SMB permissions using PowerShell.
- Developed a machine learning model to predict quotation hours by training on historical quotation data, experimenting with Random Forest and XGBoost algorithms.
- Integrated third-party services including Zoho and QuickBooks APIs across multiple microservices.

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.
- Built an admin panel to manage responses and logs.

Netra

- Developed a platform for influencer onboarding, campaign creation, and brand collaborations.
- Built influencer portal for Instagram, TikTok, and YouTube integrations.
- Implemented automated media scheduling and publishing.
- Created real-time chat room functionality for campaign communication.

MRS Oil & Gas

- Engineered backend workflows for order processing and logistics.
- Developed REST APIs for real-time status and analytics.
- Used Gearman workers to run 9K+ queries efficiently.

ArAyurveda

- Developed a complete e-commerce platform for Ayurvedic products.
- Integrated Razorpay for payments and built admin panel for operations.
- Implemented inventory, analytics, and content management modules.

SELF PROJECTS

react-content-shimmer

npm: [npmjs.com/package/react-content-shimmer](https://www.npmjs.com/package/react-content-shimmer) | GitHub: github.com/Tirth886/react-content-shimmer

- Built and published an open-source React library providing customizable shimmer/skeleton loading placeholders.
- Designed a reusable, lightweight component API and published it as an npm package for the developer community.

Simplet

GitHub: github.com/Tirth886/simplet

- Built a custom PHP framework from scratch, drawing design inspiration from Express.js and Laravel.
- Implemented core framework features including database configuration and a migration system for schema management.

EDUCATION

Master of Computer Applications (MCA), Computer Engineering

Shri Chimanbhai Patel Institute of Computer Applications | 2019 - 2022

Bachelor of Computer Applications (BCA), Computer Application

Teerthanker Mahaveer University | 2016 - 2019

CERTIFICATIONS

- Cisco Certified Network Associate - Routing and Switching (CCNA)