

Ganesh Pirikirala

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SUMMARY

Full-stack Software Engineer with 2.5+ years of experience building enterprise-grade SaaS applications using React, Next.js, TypeScript, Node.js, Spring Boot, and MongoDB. Experienced in designing scalable backend systems, AI-powered workflows, Stripe subscription platforms, cloud storage integrations (Azure and AWS), and multi-tenant architectures. Passionate about solving complex engineering problems, building clean and maintainable software, and delivering high-impact products in agile environments.

EDUCATION

2020–2024	Bachelor of Technology in Electronics and Communication Engineering (ECE) Chaitanya Bharathi Institute of Technology	CGPA: 8.0/10
2017–2019	Higher Secondary Education, Sri Gayatri Junior College	Score: 910/1000
2016–2017	Secondary School Certificate (SSC), State Board	CGPA: 9.3/10

TECHNICAL SKILLS

Languages :	HTML5, CSS3, Javascript, TypeScript
Frameworks :	React.js, Next.js, Tailwind.css, Shadcn, Material UI
Backend Languages :	Javascript (Node.js, Express.js)
Databases :	MongoDB, MySQL
Cloud & DevOps :	Azure Blob Storage, AWS, Docker
Tools :	VS Code, Git, GitHub, IntelliJ IDEA
Core CS :	Data Structures & Algorithms (DSA), Low Level Design (LLD)

PROFESSIONAL EXPERIENCE

Cognitivo | Full-Stack Software Developer Aug 2025 – July 2026

- **Project Link:** Designed and built a production-grade **Stripe Subscription Platform** supporting checkout, webhook idempotency, per-seat proration, batch billing with transactional rollback, usage-based free tier, automated billing workflows, and secure Terms of Service enforcement.
- Architected an end-to-end **AI Document & Meeting Intelligence Platform** powering configurable document and PowerPoint generation through AI-driven templates, while orchestrating meeting transcription, LLM-powered speaker identification, AI-generated file notes, and dynamic Knowledge Graph synchronization for advisor-client intelligence.
- Built a cloud-native **Enterprise Collaboration Platform** featuring an AI-powered Email Suite, Azure Blob Storage and AWS S3 abstraction, IndexedDB caching, secure upload pipelines, resilient file management, and seamless cloud migration.
- **Project Link:** Architected and built a full-stack **Developer Analytics Platform** using FastAPI, React, SQLite, GitHub REST/GraphQL APIs, OAuth, Webhooks, and background synchronization, delivering AI-assisted commit analytics, real-time repository insights, and bi-directional Gantt-based project management.
- **Project Link:** Architected and built a full-stack **Marketing Website & Headless CMS** using Next.js (App Router, React 19), PayloadCMS, MongoDB, and Azure (Blob Storage, Microsoft Graph Email API), delivering a dynamic blog/events platform, CMS-driven job application & event registration workflows, and automated CI/CD deployment via Docker to Azure Web App.

- **Project link** : Developing an optimized context-aware reasoning applications using the Lang Chain framework, leveraging large language models for enhanced application intelligence.
- Implementing Lang Graph to build robust, state-full agents with first-class streaming and human-in-the-loop support, improving application interactivity and responsiveness.
- Utilized Lang Smith for debugging, testing, and monitoring applications, ensuring high reliability and performance in production environments.
- Utilized React Flow to design and implement a seamless drag-and-drop interface for building a custom chat bot, ensuring an intuitive and efficient user experience.
- Engaged with the open-source community to enhance Lang Chain's features and documentation, fostering collaboration and innovation.

Contenterra Software | Associate software developer

Sep 2024 – June 2025

- **Project link** : Collaborated on building a scalable, user-centric insurance platform using **Next.js**, **TypeScript**, and **Material UI**, ensuring responsiveness and accessibility across devices.
- Scaled **NestJS** microservices to support **10,000+ concurrent users** and improved page load time by **40%** through optimized validations and selective use of libraries like **Redux Toolkit** and **Razorpay**.
- Enhanced performance and UX by integrating tools such as **DND-kit**, **Nivo Charts**, and following best practices to reduce dependency bloat and improve UI/UX interactions.

Venkys IO | Associate Software Developer

Jan 2024 – August 2024

- Designed and implemented a fully functional Online IDE for Venkys.io, significantly improving user productivity and engagement.
- Utilized a robust tech stack, including Next.js, Node.js, Express (Express Generator), MongoDB, and TypeScript, to build scalable solutions.
- Led workshops attended by 300+ students across 5 colleges, increasing community outreach.
- Published 200+ DSA solutions in Java, Python, and C++, driving 15% traffic increase to the company platform.

CERTIFICATIONS

- **Data Structures and Algorithms with Python** (Udemy)
- **Web Development** (Internshala)

PROJECTS

ZetFlix Movie App [Source code](#)

- **Project Link** : [Live Demo](#)
- Built a modern movie streaming application using React 18 with TypeScript, featuring comprehensive movie and TV show discovery with TMDB API integration.
- Implemented key features including advanced search functionality, genre filtering, watchlist management with localStorage persistence, and responsive design optimized for all devices.
- Created a Netflix-inspired dark theme interface with infinite scroll pagination, detailed media information pages, and seamless user experience using Tailwind CSS and React Router DOM.

LetsChat-App

 [Source code](#)

- **Project Link :** [Live Demo](#)
- Tech stack MongoDB, Express.js, React, Node.js
- Real-time communication without delays
- Effortless messaging powered by the MERN stack integration

E-Commerce Store

 [Source code](#)

- **Project Link :** [Live Demo](#)
- Built with Angular, Spring-boot, MongoDB, and Tailwind CSS.
- Implemented user authentication and authorization.
- Fully functional with add-to-cart and category-based filtered display of products.
- Optimized for performance and responsiveness.

ADDITIONAL INFORMATION

- **Volunteer Experience:** Coding tutor at Venkys IO part-time educator on platforms such as LinkedIn and YouTube, offering development tips and industry insights.
- **Hobbies:** Traveling and actively participating in hackathons.