

# Ganesh Pandian Ramakrishnan

## Senior Full Stack Engineer

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Location: Chennai, India (Seeking relocation to Dubai)

### PROFESSIONAL SUMMARY

Experienced Senior Software Engineer with **9+ years** in building **scalable, user-centric web applications** using the **Next.js/MERN stack**. Specialized in **Generative AI (GenAI)** integration, contributing to AI-powered projects with **LLM APIs** and **Python (FastAPI)**, while maintaining a strong focus on core full-stack engineering, system design, and FinTech security standards. Committed to delivering **quantifiable results** and fostering high-performance team growth.

### TECHNICAL SKILLS

**Frontend:** React.js, Next.js, TypeScript, JavaScript (ES6+), Redux, HTML5, CSS3/SASS, Jest  
**Backend:** Node.js, Express.js, Python (FastAPI), RESTful APIs, Microservices, API Design, MongoDB, MySQL  
**GenAI and tools:** LLM APIs, AI-driven UI, GitHub, Jenkins, Micro-frontends, System Design

### PROFESSIONAL EXPERIENCE

#### Senior Specialist Interactive | Full Stack and AI Focus

LTIMindtree, Chennai | Nov 2024 – Present

- Spearheaded the development and architecture of a scalable, **AI-powered Quality Testing platform** designed to evaluate multiple custom LLM agents and improve model reliability.
- Designed and implemented the chat assistant backend within the IntelliJ IDE, using **Python/FastAPI** to securely interface with **CanvasAI** for real-time code analysis.
- Contributed to system design and the adoption of robust **micro-frontend strategies** to ensure high scalability and performance for AI-centric enterprise solutions.

#### Senior Tech Specialist – Frontend | Financial Service

Fiserv Inc., Chennai | Sep 2022 – Oct 2024

- Led a successful **Chatbot and LLM Proof of Concept (PoC)**, integrating conversational AI into the digital banking platform to enhance customer service and feature adoption.
- Developed and shipped critical features for the **CardHub financial services platform**, ensuring strict adherence to Banking Security, Web DLP, and **ADA compliance standards**.
- Promoted best coding practices (Jest/React Testing Library) and **mentored junior team members**, earning the **Exceed Expectation Employee of the Year award twice**.

#### Frontend Engineer

Orangescape Tech Pvt. Ltd., Chennai | Nov 2020 – Aug 2022

- Engineered a comprehensive **Workflow Management System** that was adopted by **over 90%** of the company's client base, demonstrating exceptional product impact.
- Optimized application performance, successfully **reducing load time by 30%**, and created reusable component libraries to boost overall development efficiency.
- Implemented PWA and **RTL (Right-to-Left)** language support, successfully expanding the application's global accessibility and user base.

#### Full Stack Developer

Vaken Technologies Pvt. Ltd / IVTL Infoview Technologies Pvt. Ltd, Chennai | Jun 2016 – Oct 2020

- Created internal developer automation tools that significantly **improved team productivity by 70%** and streamlined delivery cycles.
- Contributed to the development of a Digital Key Reservation System (Bitkey, Japan) and built/maintained **robust RESTful services in Java** for the ERP platform.

### EDUCATION

#### B.E. COMPUTER SCIENCE

MIT Anna University, Chennai | 2012 – 2016