

Rakesh Rajan T

Senior Software Engineer with 10+ years of experience building scalable web applications, AI-powered workflows, and modern frontend systems using React.js, Next.js, TypeScript, Node.js, and cloud technologies. Experienced in designing high-performance UI architectures, schema-driven platforms, and financial workflow applications. Expertise in frontend engineering, system design, API integrations, and AI orchestration using LangChain and LangGraph.

Work Experience

Senior Software Engineer — UPTIQ

Jan 2026- Present

- Developed scalable frontend applications using React.js, Next.js, TypeScript, and modern component architecture.
- Improved frontend performance and maintainability through modular UI systems and optimized rendering strategies.
- Collaborated with product and backend teams to deliver secure, enterprise-grade financial workflows and API integrations.
- Led frontend modernization initiatives using reusable component libraries and scalable state management patterns.

Senior Software Engineer — Finexus Inc (OneFinexus)

Jun 2018 - Sep 2019 (as Freelancer) Oct 2019 - Jan 2026

- Architected and developed scalable lending and financial workflow platforms using React.js, Next.js, Salesforce LWC, and Node.js.
- Built schema-driven frontend systems, improving form scalability and reducing repetitive development effort.
- Designed AI-assisted document processing workflows for structured extraction and intelligent data classification.

HTML Programmer — Telic Info Services Pvt Ltd

Jun 2015 – Jun 2018

- Improved website responsiveness and frontend performance through optimized layouts and reusable UI structures.
- Participated in requirement analysis, bug fixing, testing, and deployment activities across various web projects.

Web Designer & Developer — ROCMAN Technologies

Aug 2011 – Jul 2015

- Designed and developed responsive business websites and custom web applications for multiple clients.
- Built interactive UI components and maintained website functionality across different browsers and devices.

System Administrator — RCS

Sep 2008 – Aug 2011

- Installed, configured, and maintained enterprise computer systems, networks, and server environments.
- Monitored system performance and resolved hardware, software, and network-related issues.

Contact

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<https://www.rocman.in/coremind>

Skills

Frontend Skills

- React.js
- Next.js
- TypeScript
- JavaScript
- Vite.js
- Tailwind CSS
- Redux/Zustand

Backend Skills

- Node.js
- Express.js
- REST APIs
- Python

AI & Data

- LangChain
- LangGraph
- Pinecone
- Supabase
- Vector Databases

Cloud & Tools

- AWS
- Salesforce LWC

Languages

- English (Fluent)
- Tamil (Fluent)

Technical Highlights

- AI workflow orchestration using LangChain and LangGraph
- RAG pipelines with Pinecone vector database integration
- Schema-driven frontend architecture and reusable UI systems
- Financial workflow and document intelligence platforms

Projects

AI Financial Analysis Platform

- Built AI-powered financial analysis workflows using LangGraph, LangChain, Pinecone, and Supabase.
- Developed intelligent transaction categorization and cashflow prediction pipelines from uploaded financial documents.
- Designed scalable document ingestion architecture supporting PDF, DOCX, CSV, and XLSX processing.
- Implemented vector search and semantic retrieval workflows for contextual financial analysis.

CoreMind AI Platform

- Designed and developed an AI-powered productivity and workflow platform focused on intelligent assistance, task management, and business process automation.
- Developed AI-assisted workflows and intelligent automation systems integrating LLM-based orchestration and contextual data processing.

Lending Portal

- Developed an enterprise lending portal using Salesforce LWC for loan onboarding and workflow management.
- Built reusable UI modules and dynamic form systems, improving scalability and maintainability.
- Integrated secure backend services and optimized frontend workflows for better user experience.

Educational Background

MCA

Madras University - 2008

Languages

- English (Fluent)
- Tamil (Fluent)