PANDI SELVAM P.

Full-Stack Developer & Team Lead

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PROFESSIONAL SUMMARY

Full-Stack Developer & Team Lead with 2.5+ years of experience building scalable, production-ready applications. Specializes in MERN stack, AI-powered systems, and microservices architecture. Proven track record leading development teams, mentoring engineers, and delivering enterprise-grade solutions across FinTech, EdTech, and AI automation domains.

PROFESSIONAL EXPERIENCE

Team Lead | Skillmine Technology   June 2025 – Present | Sivakasi
- Spearhead development and end-to-end delivery of key client projects including AI-powered Document Management Systems and enterprise SaaS platforms.
- Make architectural decisions, conduct code reviews, and implement development best practices across the team.
- Mentor junior developers, manage sprint timelines, and collaborate with stakeholders to translate business requirements into technical solutions.
- Lead a team of 5+ engineers, fostering a culture of continuous improvement and knowledge sharing.

Junior Software Developer | Skillmine Technology   May 2024 – May 2025 | Sivakasi
- Built and maintained full-stack features across multiple enterprise client projects using React, NestJS, and MongoDB.
- Developed frontend modules for DMS, FinTech debt recovery platforms, and AI-driven learning management systems.
- Gained deep hands-on experience with the company's core tech stack and Agile/Scrum workflows.

Trainee Developer | Skillmine Technology   Dec 2023 – May 2024 | Sivakasi
- Completed comprehensive training in software development methodologies and the company's core technology stack.
- Participated in initial project modules, contributing to frontend and backend development tasks.

Web Developer Intern | Cool Dreamers   May 2023 – Nov 2023 | Sivakasi
- Developed a full-featured online e-commerce platform for a cracker shop using Angular and Node.js.

Python Developer Intern | ORIANA Information Technology LLP   Jan 2023 – Mar 2023 | Chennai
- Implemented data security measures and worked on 'Tailored Outcome and Its Protected Data Methodology Through Data Integrity' using Python.

KEY PROJECTS

Document Management System (DMS)
Role: Team Lead | *Enterprise | AI | Automation*
AI-powered enterprise DMS with OCR, NLP, RAG, workflow automation, and schema-based field extraction. Built with React Vite, NestJS, MongoDB, Gemini AI, LangChain.

First Credit System (FCS)
Role: Team Lead | *FinTech | SaaS | Compliance*
Debt recovery SaaS platform with creditor/debtor management, TCPA/FTC compliance, and user-specific dashboards. Built with Remix JS, NestJS, MongoDB.

Triveni Digital Sales Platform
Role: Frontend Developer | *B2B | AI | Digital Transformation*

Skillzen LMS
Role: Frontend Developer | *EdTech | AI | Multi-Tenant SaaS*

AI-based pricing, digital bidding/auctions, institutional CRM, and real-time SAP sync for the sugar industry. React Vite, NestJS, MongoDB.

AI Customer Service Agent
Role: Frontend Developer | *AI Agents | CX | Automation*
Policy-driven AI agents with sentiment analysis, automated communication cadences, and human escalation. React, NestJS, Gemini AI, N8n.

AI Sales Agent (Personal)
Role: Full-Stack Developer | *Agentic AI | Python | GenAI*
Real-time competitive battle card generator with 7 specialized AI agents, live web research, and SWOT automation. React 19, FastAPI, Google ADK.

Intelligent multi-tenant LMS with AI-automated content creation, adaptive learning paths, and predictive analytics. Remix JS, NestJS, Gemini AI.

AISprintForge (Personal)
Role: Full-Stack Developer | *DevTools | AI | Productivity*
Sprint intelligence platform integrating GitHub/Jira with AI-powered risk scoring, summaries, and chat reports. React 19, NestJS, LangChain, Gemini 2.5.

TNPSC AI Tutor (Personal)
Role: Full-Stack Developer | *EdTech | RAG | Social Impact*
RAG-based bilingual coaching platform for TNPSC aspirants with adaptive quizzes and mistake pattern analysis. React, NestJS, Gemini 2.5.

TECHNICAL SKILLS

Frontend	React, Angular, TypeScript, Tailwind CSS, Bootstrap
Backend	Node.js, Express.js, NestJS, Python, FastAPI
Databases & Messaging	MongoDB, Redis, Apache Kafka, WebSockets / Socket.io
Mobile	Flutter, FlutterFlow, React Native
AI & ML	LangChain, LangGraph, Gemini AI, OpenAI, RAG Systems, OCR/NLP
DevOps & Tools	Docker, Git, Figma, Swagger / REST APIs
Leadership	Team Mentoring, System Design, Code Review, Agile/Scrum, Project Management
Vibe Coding	Codex CLI, Claude CLI, Gemini CLI

EDUCATION

Master of Computer Applications (MCA) Virudhunagar Hindu Nadar's Senthikumara Nadar College, Virudhunagar	**75.3%**	2023
Bachelor of Computer Applications (BCA) Ayya Nadar Janaki Ammal College of Arts and Science, Sivakasi	**60%**	2020
HSC – Class XII SHNV Higher Secondary School, Sivakasi	**83.25%**	2017
SSLC – Class X SHNV Higher Secondary School, Sivakasi	**89.4%**	2015

INTERESTS & FOCUS AREAS

AI Agents • Workflow Automation • System Architecture • RAG Systems • Tech Leadership • Web3 • UI/UX Design