

Tamizh Selvan R

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EDUCATION

St. Joseph's College of Engineering, Anna University	Nov 2020 - May 2024
Bachelor of Technology, Information Technology (CGPA: 8.5/10)	Chennai, TN
Relevant Coursework: SQL, Object-Oriented Programming, DBMS, Data Structures and Algorithms.	
Seventh Day Adventist Matriculation Higher Secondary School	Jun 2019 - Mar 2020
Higher Secondary School Leaving Certificate	Chengalpattu, TN
Seventh Day Adventist Matriculation Higher Secondary School	Jun 2017 - Mar 2018
Secondary School Leaving Certificate	Chengalpattu, TN

WORK EXPERIENCE

Software Engineer Intern — Wipro	Dec 2024- Nov 2025
• Built and optimized REST APIs using Spring Boot (Java) with clean architecture.	Chennai (On-site)
• Integrated Python FastAPI, Ollama, and OpenAI models for internal AI features.	
• Developed backend services with MySQL, improving query performance and data flow.	
• Debugged and refactored microservices to enhance reliability and code quality.	
• Used Postman, Git, and GitHub for API testing, collaboration, and version control.	
Software Application Developer Intern – Infosys Springboard	Nov - Dec 2024
Completed a 2-month internship at Infosys Springboard, where I developed a full stack team collaboration application called Team Sync.	

PROJECTS

TeamSync - A Team collaboration Application

- Developed a fully responsive web application to streamline teamwork and task management. Enabled real-time updates, intuitive dashboards, and seamless cross-device collaboration for enhanced productivity.

Key Features:

- User & Project Management: Secure authentication and ability to create, update, and manage projects and tasks.
- Real-time Collaboration: WebSockets-powered updates for instant task and project visibility.
- Task Prioritization & Dashboard: Organize work efficiently with an intuitive, user-friendly interface.

Smart Assistant Suite - AI Customer Support Chatbot

- Developed a 24/7 AI-powered chatbot with real-time responses and session memory (chatId).
- Key features: interactive chat widget, context-aware conversations, CORS handling, cross-device access.
- Integrated Google Gemini Flash 2.5 via n8n for intelligent AI responses.
- Hosted on Render.com with uptime monitoring via UptimeRobot.

Tech Stack: HTML, CSS, JavaScript, n8n, Google Gemini Flash 2.5, Render.com.

DataMingle - A Comprehensive CRUD Application

- Developed a full-stack CRUD application, DataMingle utilizing ReactJS, Node.js, Express, and MySQL, to manage and manipulate data efficiently. Integrated RESTful APIs for efficient communication between frontend and backend, optimizing data handling and performance.

ACHIEVEMENTS

Inter-College Hackathon Competition

Won third prize in inter-college hackathon competition with over 40 colleges participating Presented an innovative idea about AI-powered dog functionality, showcasing creativity and technical expertise.

ADDITIONAL

Technical Skills

Programming Languages: Java, Python, JavaScript, SQL

Backend: Spring Boot, Node.js, REST APIs, Microservices, WebSocket

Databases: MySQL, MongoDB

Tools: Git, GitHub, Postman, VS Code

Certifications: Completed AZ-900 Microsoft Azure Fundamentals in Udemy, High-Level Design (System Design) in udemy, Advanced Backend Development with Spring Boot in Udemy and Generative AI with LangChain & Hugging Face in udemy.

Soft Skills: Teamwork, Communication, Problem-Solving, Critical Thinking, Time Management