

# Dilipkumar J

## Frontend Developer

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### SUMMARY

Frontend Developer skilled in building responsive, high-performance web applications using React, TypeScript, and modern CSS frameworks like Tailwind. Experienced in state management, API integration, and clean component architecture. Passionate about delivering intuitive UI/UX experiences and exploring AI-driven interfaces that enhance user interactivity and accessibility.

### EDUCATION

<b>Bachelor of Engineering, Electronics and Communication Engineering</b> Adhiparasakthi Engineering College, Melmaruvathur	2021–2025 82%
<b>Higher Secondary Certificate (HSC)</b> Government Higher Secondary School, Marakkanam	2020–2021 82.42%
<b>Secondary School Leaving Certificate (SSLC)</b> Government Higher Secondary School, Marakkanam	2018–2019 78.2%

### EXPERIENCE

**Frontend Developer Intern**, Data Reveal AI Company Mar 2025 – Oct 2025

- Developed responsive and performant frontend applications using React (Vite) and Tailwind CSS, enhancing UI/UX consistency and load speed.
- Built a Retrieval-Augmented Generation (RAG) chatbot for agricultural learning, integrating ChromaDB with Hugging Face, LLMs for contextual accuracy.
- Applied hands-on expertise in RAG and LLMs, while integrating AI capabilities into modern frontend applications.

### PROJECTS

#### AgriLearn - React, TypeScript, Tailwind CSS, Python, vite

- Engineered an AI-powered agricultural chatbot using Retrieval-Augmented Generation (RAG) to provide accurate, context-aware answers from a custom-built knowledge base of collected agricultural documents.
- Architected and populated a vector database with Chroma DB, creating a specialized agricultural corpus; leveraged the BAAI embedding model for semantic search and integrated the OpenRouter LLM API via a Python backend to deliver precise, sourced answers.

#### Resume Analyser AI – React, Tailwind CSS, Python, Vite

- Developed an AI-powered web application that evaluates resumes, calculates ATS scores, and compares them with job descriptions using LLM integration to deliver detailed insights and improvement suggestions.
- Built a responsive, cross-browser compatible, and user-friendly interface supporting multiple formats (PDF, DOCX, text) with real-time analysis in under 30 seconds.

#### QuickRead AI – React, TypeScript, Tailwind CSS, Python, Vite

- Developed an AI-powered document assistant enabling users to upload various file types (PDF, Word, Excel, Text, ZIP) and interact with their content through a natural language chat interface.
- Integrated LLM-based analysis for real-time, context-aware answers; designed a fully responsive, cross-browser compatible UI with adjustable response creativity.

### TECHNICAL SKILLS

**Frontend:** HTML, CSS, JavaScript, React.js, TypeScript, Redux, REST APIs

**Programming & Other Tools:** Python, Git & GitHub, Render, Netlify

**Database:** SQL

### CERTIFICATIONS

- HTML CSS And Javascript – Infosys Springboard
- Python Programming – Campus Connection