# Thayammal Keerthana

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## Professional Summary

**Frontend Developer** with **3+ years** of experience engineering **responsive, scalable web applications** using **React.js**, **JavaScript (ES6+)**, and modern UI libraries. Skilled in enhancing performance, writing **clean, maintainable code**, and collaborating across teams to deliver high-impact, **user-focused solutions**. Adept in **debugging**, **Agile methodologies**, and **test automation** using Playwright.

## Technical Skills

**Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3
**Frontend Frameworks & Libraries:** React.js, Next.js, Redux, Redux Toolkit, Redux Thunk, Context API
**UI Frameworks & Styling:** Bootstrap, Ant Design (antd), Material UI, Tailwind CSS
**Backend & APIs:** Node.js, Express.js, RESTful APIs
**Databases:** MySQL, MongoDB
**Testing Tools:** Playwright.js
**DevOps & Deployment & Tools:** Git, GitHub, Vercel, Netlify, VS Code, JIRA, Postman
**Soft Skills & Methodologies:** Problem Solving, Communication, Team Collaboration, Adaptability, Agile Methodology

## Professional Experience

**Mitrahsoft Solutions Private Limited, Associate Software Developer** *May 2022 – Present*

- Built and maintained **responsive applications** using **React.js** and **Next.js**, enhancing **user experience** and engagement.
- Improved performance by optimizing rendering logic and refining state management strategies.
- Collaborated with **designers** and **backend teams** to deliver cohesive, **user-centric features**.
- **Guided junior developers**, offering mentorship and knowledge sharing on modern React and JavaScript practices.
- Integrated modern **frontend technologies** and followed best practices to meet evolving client needs.

## Professional Projects

**Presentation Related Application** *Mar 2025 – Present*
***Role:*** *Automation Tester*
**Technologies:** Playwright, TypeScript
– Developed **robust end-to-end automated test suites** for cross-platform presentation tools, ensuring **high accuracy and reliability**.

**Conference Management Application** *Mar 2024 – Feb 2025*
***Role:*** *Software Developer*
**Technologies:** React.js, Redux, Ant Design (antd)
– Engineered a comprehensive system for managing **academic and enterprise conferences** with integrated **document access** and **e-commerce capabilities**.

**High-Performance Reporting Application** *Jun 2023 – Feb 2024*
***Role:*** *Software Developer*
**Technologies:** Next.js, TypeScript, Tailwind CSS, Node.js, Express.js, MongoDB
– Created a dynamic **reporting interface** using data **virtualization** to handle **large nested JSON data** and improve user **navigation and export functionality**.

**Weight Loss Application** *Aug 2022 – May 2023*
***Role:*** *Software Developer*
**Technologies:** React.js, React Native, Redux Thunk, Bootstrap
– Developed a **cross-platform wellness app** enabling **community engagement**, **real-time chat**, **social login**, and an **admin dashboard** for user management.

## Education

**B.E. Computer Engineering** *2018 – 2022*
Unnamalai Institute of Technology (Anna University)
**GPA: 8.1/10**

## Languages

**Tamil**, **English**, **Hindi**