

# Vignesh Sivalingam

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## Skills

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- **Programming Languages** : Javascript, HTML, CSS, TypeScript
- **Libraries and Frameworks** : Redux, React, Node.js
- **Tools** : Git, Azure, MySQL

## Experience

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**Software Engineer (Front-end)**, Capgemini Jun 2025 - Present

- Undergoing IRP (Initial Readiness Program) training as part of onboarding, preparing for upcoming client engagements.

**Software Engineer (Front-end)**, Vue Data Technologies Nov 2023 - Jun 2025

- Redesigned user interface using React.js, resulting in increase of customer engagement.
- Optimized components to **improve load time by 40%**, enhancing overall performance.
- Integrated **REST APIs** for subscription and onboarding processes, significantly enhancing user experience.
- Implemented **Redux** for state management, boosting application stability and reducing bugs.
- **Migrated** legacy JavaScript code to **React**, incorporating Jest tests to improve reliability and maintainability.
- Enhanced code quality and scalability by introducing **TypeScript**, improving type safety and reducing runtime errors.

**Software Engineer (Front-end)**, Cognizant Technology Solutions Oct 2022 - Nov 2023

- Built **responsive UI components** based on Figma designs for seamless multi-device experience.
- Created **reusable React templates**, reducing dev time by 30%.
- Integrated REST APIs for efficient backend communication.
- Achieved **95% test coverage using Jest**, improving code reliability through TDD.

**Jr. Software Engineer (Front-end)**, Cognizant Technology Solutions Oct 2021 - Oct 2022

- Migrated entire website from **mockups to responsive React.js** apps in collaboration with UX designers.
- Built an accessible UI component library with **HTML, CSS, and SASS**, boosting dev efficiency by 30%.
- Developed **custom React hooks** for handling login authentication, improving code reusability

**Software Engineer Trainee**, Cognizant Technology Solutions Oct 2020 - Oct 2021

- Automated weekly emails to 50+ managers via SMTP.
- Created **DB tables and stored procedures** to streamline customer data management.
- Optimized **SQL queries** with proper **indexing**, improving query performance and data retrieval speed.

## Projects

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### [Code Dock](#)

- Engineered an **online IDE** supporting C++, JavaScript, Python, and Java, enhancing productivity for users.
- Facilitated **code writing, compiling, execution**, and test case validation, cutting debugging time by 40%.
- Implemented **import/export features**, streamlining workflow efficiency for developers.

## Education

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**St Joseph's College of Engineering**, BE/B.Tech/BS 2020

## Achievements

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Azure Fundamental [AZ-900] certified.