

# Karthick Karupasamythevar Sundar

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## SUMMARY

Software developer with six years, specializing in Angular and ReactJS for reactive programming. Skilled in leading migration projects, transitioning applications from Angular to ReactJS at Standard Chartered Bank, enhancing both performance and maintainability. Proficient in RESTful API integration with proficiency in TypeScript. Optimized web accessibility and performance using Agile methodologies. Demonstrates adept leadership in guiding development teams to deliver cutting-edge solutions.

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## SKILLS

**Programming Languages** - JavaScript, TypeScript, C#, HTML5, CSS + SASS

**Frameworks & Libraries** - Angular 2,4,6,10,12, Angular JS, React JS, Node JS, Redux, .Net MVC, jQuery, Regex

**DevOps** - GitHub, Jenkins, Bitbucket, Circle CI, Jira, Tortoise SVN

**Database** – MYSQL

## EXPERIENCE

### Technical Lead

May 2021 - Apr 2023

#### Standard Chartered GBS, Chennai, India

- Led the design and implementation of applications, using Angular, achieving a 30% increase in processing speed and a 25% improvement in user accessibility by adhering to WCAG guidelines.
- Led a strategic migration from Angular to React JS for several key applications, resulting in a 20% increase in development efficiency and a 15% enhancement in system scalability.
- Integrated RESTful interfaces with the back-end systems, improved data security by using MD5 and SHA256 encryption, and simplified client information transfer.
- By strategic use of lazy loading and code splitting techniques, the load time has been reduced by 40 % with a significant increase in frontend performance.
- Analyzed and ensured seamless collaboration with UX/UI designers and backend teams, resulting in a 15% faster project turnaround time due to efficient agile practices.

### System Engineer

Apr 2019 - Apr 2021

#### Adrenalin eSystem Private. Ltd., Chennai, India

- Developed key features for scalable applications using Angular 6, contributing to a 10% increase in performance efficiency.
- Collaborated effectively with cross-functional teams to ensure robust server-side logic integration, enhancing application functionality and user experience.
- Designed and launched a highly responsive web application using Angular 10 and .NET MVC, leading to a 20% improvement in client satisfaction due to enhanced user experience across multiple devices.
- Implemented advanced front-end features including interactive charts and graphs, which increased user engagement by 25%.

## Junior Software Developer

Jun 2017 - Apr 2019

### Ducont Systems Private. Ltd., Chennai, India

- Developed web applications using Angular 2 and 4, which improved application responsiveness and performance across mobile and desktop platforms by 20%.
  - Developed the .NET Core Web API, facilitating a smoother and faster data transmission between the front and back with 20% lower latency
  - Troubleshoot and debugged, improving application stability and performance, and reducing downtime by 10%.
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## EDUCATION

### Web Development

May 2023 - Aug 2024

Conestoga College, Waterloo, ON, Canada, Waterloo

### Electronics and Communication Engineering, Bachelor of Engineering

Aug 2013 - May 2017

Anna University, Chennai, India

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## PERSONAL PROJECTS

1. **Drive Test** - Developed an application for booking and managing driving test slots in Canada using JavaScript, Node.js, and MongoDB.
2. **Employee Management System** - Engineered a system for employee management with React.js, GraphQL, Node.js, MongoDB, Chakra UI, and Webpack.
3. **Todo Application** - Built an interactive Todo app utilizing React.js and Chakra UI for efficient task management.
4. **Mortgage Calculator** - Created a tool to calculate mortgage payments using React.js and Chakra UI for straightforward usability.