

Thomas C Software Engineer

📍 Bangalore | 📞 +91-7305191463 | [🌐 LinkedIn](#) | [🐙 Github](#) | [🔗 Leetcode](#) | [📄 Scaler](#) | [📁 My Portfolio](#) | ✉️ thomas1782000t@gmail.com

SKILLS

- **Programming Languages** : Java
- **Libraries and Frameworks** : Spring Boot, Redis, Spring MVC, Spring JPA
- **Tools** : Payment Gateway, MySQL, Git, AWS, Docker, Maven
- **Other Skills** : Data Structures and Algorithms, RESTful APIs, Microservices, Design Patterns, System Design

EXPERIENCE

Programmer Analyst

Jan 2022 - Present

Cognizant

Bangalore

Max Life Insurance Project

- Designed and developed Spring Boot based RESTful APIs for seamless communication between frontend and backend of Insurance platform.
- Implemented efficient paging techniques, optimized caching using Redis and minimized database operations, ensuring faster response times by 40%.
- Developed robust error handling mechanisms to manage API exceptions and ensure data integrity.
- Collaborated with cross-functional teams to design and implement critical features, contributing to the overall success of the project.
- Contributed to Agile-based code reviews, established best coding practices, and effectively resolved multiple bugs.
- **Key Technologies:** Java, Spring Boot, Hibernate, Redis, Docker, Microservices

PROJECTS

Care Sync

[🔗 https://github.com/Thomas1782k/CareSync](https://github.com/Thomas1782k/CareSync)

- Implemented a Doctor appointment scheduling application using Java, Spring Boot, following MVC architecture
- Orchestrated Redis caching and Docker integration, reducing response times by 25% and database load by 40%.
- Engineered infrastructure enhancements, including paging, and secure authentication, lowering search query response times by 30%.
- Integrated Stripe Payment Gateway for enhanced transaction security and user experience.

URL Sharpener

[🔗 https://github.com/Thomas1782k/URLSharpener](https://github.com/Thomas1782k/URLSharpener)

- Engineered a full-stack application using React and Spring Boot, improving URL storage efficiency by 75%.
- Optimized performance, achieving a 50% reduction in response times.
- Refactored the Spring Boot application architecture and enhanced maintainability.

ACHIEVEMENTS

- **2022** - Gold Medalist and recipient of the Shri B. Subramanian Award for Best Outgoing student.
- **2018** - Guinness World Record holder for the Largest Human Image of a Video Game Controller.

EDUCATION

Karpagam College Of Engineering, Coimbatore

2022

BE in Electronics and Instrumentation Engineering | 9.0 CGPA

HOBBIES AND INTERESTS

- Tech Podcasts: Staying informed on software trends and tech advances is a hobby that keeps me engaged.
- Dancing: Enhancing creativity and physical fitness through various dance forms.
- Fitness and Running: Maintaining physical health and discipline through regular exercise and running.