

THOMAS

Software Engineer

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Linkedin - [Thomas C](#) | GitHub - [thomas1782k](#) | [Portfolio](#)

EDUCATION

ANNA UNIVERSITY

KARPAGAM COLLEGE OF
ENGINEERING

B.E IN ELECTRONICS &
INSTRUMENTATION

Grad. Aug 2022 | CGPA: 9.0

CERTIFICATION(S)

- Object Oriented Programming
- Spring MVC & Spring Boot 3

CODING PROFILE

- Solved 600+ problems on Hackerrank and Leetcode [Link](#)

SKILLS

PROGRAMMING

Languages/Others :

- Java • RESTful APIs
- Microservices
- Design Patterns
- Data Structures & Algorithms

Framework & Technology:

- Spring Boot • Redis
- Spring MVC • Spring JPA

Tools:

- Postman • Jasper Soft
- MySQL • Git/GitHub
- AWS • Docker
- Payment Gateway
(RazorPay / Stripe)

EXPERIENCE

COGNIZANT | PROGRAMMER ANALYST

AUG 2022 – Present | Bangalore

- Collaborated with cross-functional teams to design and implement critical features, contributing to the overall success of the project.
- Demonstrated proficiency in Java, Spring Boot, and RESTful APIs to deliver high-quality solutions aligned with project requirements.
- Conducted code reviews and optimizations, resulting in a 15% reduction in bug reports and saving 10 hours per week in debugging efforts.

PROJECT

CARE SYNC | [Link](#)

- Led development of a Care Sync, driving a 20% boost in user engagement and cutting appointment scheduling time by 15%.
- 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%. Currently integrating Stripe Payment Gateway for enhanced transaction security and user experience.

URL SHARPENER | [Link](#)

- Engineered a full-stack URL shortener application using React and Spring Boot, improving URL storage efficiency by 75%.
- Optimized backend performance, achieving a 50% reduction in response times and handling up to 10,000 requests per second.
- Developed and implemented robust validation systems, reducing errors in URL processing by 30%.

ACHEIVEMENTS

- Gold Medalist and recipient of the [Shri B. Subramanian Award](#) for Best Outgoing.