

# Rithika Govindhan

contact.rithikagovindhan@gmail.com | +91 9159898229 | [Portfolio](#) | [LinkedIn](#)

Software Engineer with 2+ years of experience in full-stack development, specializing in Java, Spring Boot, Angular and RESTful API design. Experienced in cloud-based deployments, CI/CD pipelines, and performance optimization. Passionate about writing efficient, scalable code and solving complex technical problems. Open to relocation.

## EDUCATION

---

Dr. Mahalingam College of Engineering and Technology

2020 - 2024

B.E in Computer Science and Engineering - 9.2 CGPA

## WORK EXPERIENCE

---

Software Engineer - Ford Motor Company, GTBC

January 2024 - Current  
Chennai

- Key contributor to the large-scale migration of legacy vehicle registration system (C, C++, Mainframe) to modern Java and Spring Boot microservices, supporting Ford's digital transformation for the UK market.
- Deployed and managed applications on Google Cloud Platform, ensuring reliability and scalability.
- Designed and implemented CI/CD pipelines using Tekton, enabling automated and scalable application deployment in a cloud-native environment.
- Managed application logging and monitoring, improving system observability and issue resolution.
- Secured sensitive data using cloud-based secret management solutions.
- Worked with security and code quality tools such as SonarQube, 42Crunch, and Cycode.
- Contributed to full-stack development using Angular, HTML, and CSS.
- Provided production support by analyzing and resolving business-critical issues efficiently.
- Worked with Oracle databases for data migration and optimization.
- Adopted GitHub Copilot for AI-assisted coding, reducing development time and improving backend communication quality through intelligent code suggestions.
- Worked in an agile environment, strengthening team collaboration, code quality, and delivery timelines.
- Assisted in debugging, testing, and improving application performance.
- Developed unit tests with measurable code coverage using JUnit and Mockito, ensuring service reliability and reducing regression risks across microservices.

Software Developer Intern - Spotknack

December 2021 - August 2022  
Virtual

- Developed mobile applications using Flutter.
- Built backend services using Java and REST APIs.
- Collaborated in a team to develop a student progress tracking system.

## PROJECTS

---

Academic Progress Monitoring System

- Developed a mobile application using Flutter with UI designs from Figma.
- Built RESTful APIs using Java for backend services.
- Enabled tracking of student progress, achievements, certifications, and activities for parents and mentors.
- Enhanced mentor interaction features including feedback and activity monitoring.

## Registration and Pre-registration applications(Migration Project)

- Executed the end-to-end migration of vehicle registration logic for the UK market into a microservices architecture to enhance scalability.
- Redesigned system functionalities by analyzing complex legacy codebases, ensuring modern software design patterns were applied for long-term maintainability.
- Optimized system performance by refactoring legacy C++ logic into streamlined Java-based microservices, resulting in significantly reduced processing times.

## LANGUAGES

---

English (Fluent), Tamil (Fluent), Kannada (Fluent), Telugu (Intermediate), German(Beginner)

## CERTIFICATIONS

---

- Google Associate Cloud Engineer
- NPTEL - Programming in Java

## TECHNICAL SKILLS

---

Java | Spring Boot | HTML | CSS | Angular | React | Restful API development | Microservices Architecture | API Design & Integration | Google Cloud Platform | CI/CD pipelines(Tekton) | Secret Management | GitHub | SonarQube | 42Crunch | Oracle Database | Agile & Scrum | Github copilot | LLM | RxJS | SDLC | Postman | Junit | Mockito | Jira | NodeJS | Typescript | Azure | JWT.

## SOFT SKILLS

---

Problem-solving | Analytical thinking | Team collaboration | Communication | Ownership & responsibility | Adaptability | Attention to detail | Structured working style