

Gagan Kumar S

Software Engineer | Full Stack Developer

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🌐 [Linkedin](#) | [Github](#) | [Leetcode](#) | [Scaler](#)
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Skills

- Python, Java, Spring Boot, Kafka, gRPC, REST APIs, Microservices, System Design, PostgreSQL, Redis

Experience

Specialist Programmer

Sep 2020 - Sep 2023

Infosys

Bengaluru

- Developed a dynamic application framework, capable of configuring data processing and visualisation widgets. Designed dynamic components that reduced backlogs by 70%, increasing user configurability.
- **Reliability** - Spearheaded development of a critical data pipeline that processes 2.5M+ records daily, with availability rate of 99.9%.
- **Improved** the data processing system to be more efficient and robust, using Kafka queueing and streaming of data over GRPC, making the system resilient to peak demand periods
- **Optimised** data caching strategy with Redis in backend, contributing to 30% relief on resource utilization.
- Built application now caters to 10+ global clients and manages tens-of-thousands of users monthly, successfully achieving a 95% customer satisfaction rate.
- **TOP 1%** - Part of the most aspired track within the organisation, Power Programmers @ Infosys
- Supervised group of 5 juniors and assisted them to build up to the project requirements, contributing to the growth within the organization.

Software Engineer, Intern

Jul 2019 - Sep 2019

V2Soft Ltd

Bengaluru

- Developed an E2E automated testing tool suite using Selenium, Python, reducing testing time by 50%.
- Led a 6-member team in the successful execution of the project, surpassing management's expectations.
- Contributed in requirement analysis, design and planning activities.

Junior Programmer, Intern

Jun 2018 - Aug 2018

Tequed Labs

Bengaluru

- Collaborated with their R&D Team to release a significant feature within 3 months.
- Achieved certificate of excellence and award for best performance during the internship period.

Projects

Ghost Car (2020)

🔗 <https://github.com/sgagankumar/TheGhostCar-AutonomousCarProject/blob/master/README.md>

- Built a fully functional model of a Level 4 Autonomous Car. Computer Vision, ML, Raspberry Pi.

AgriCloud (2018)

🔗 https://github.com/sgagankumar/IOT-Project_AgriCloud/blob/master/README.md

- Developed IoT based solution to track agricultural soil and water metrics. Presented and won at 2 hackathons. Arduino, Data Analysis, Java.

Education

Scaler

2024

Specialized in Software Development & Problem Solving

- Currently pursuing Masters of Science in Computer Science accredited by EHEA

SJB Institute of Technology

2020

BE/B.Tech/BS in Computer Science | 8.1 CGPA

- Graduated successfully with First Class with Distinction scores under VTU