

# Sagar K

Bengaluru Karnataka India

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[Portfolio Link](#)

*I intend to be part of an organization where I can constantly develop and improve my technical and management skills and make use of it for the growth of the organization. I look forward to adapt latest technical skills which will be useful for the growth of the organization.*

## Skills

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**Languages** JavaScript · Python · C++ · HTML5

**Technologies** React.js · Node.js · Stripe · Express.js · Redux toolkit · Next.js · Tailwind CSS

**Cloud Computing** Associate Google Cloud Certified · Firebase

**Platform** Windows · Linux · QNX

**Methodologies** Agile · Scrum framework

**Tools** Git · VS Code · Xray · JIRA · FIGMA · TRM · Canalyzer · Vspy · Corvus

## Experience

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**TATA Consultancy Services (TCS)**

Dec.2021 - Present

*Python and Gherkin Developer*

- Created a **Python** application to extract Android properties, SOMEIP APIs, and their Enum messages from **JSON** and **Protobuf** files. Resulted in a **3x** faster development of Gherkin test cases and detection of discrepancies in JSON and Protobuf files.
- Developed a Python **automation script** to download hundreds of latest Figma specs for training and creating an automation model through a plugin.
- Developed quality test cases for ADAS features using the **Gherkin** programming language.
- Have a knowledge of Android Automotive system **Architecture**.
- Acquired knowledge of various protocols such as CAN, FlexRay, and SOMEIP along with experience in ISO 26262 for functional safety in automotive systems.

## Projects & Certificates

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**Gamer Freak** ([Demo](#)) ([Source Code](#))

Jan.2023 - Nav.2023

- Developed a Full-stack E-commerce web application using **React**, **Firebase**, and **Bootstrap**.
- Managed real-time **database** and **Authentication** with Firebase.
- Processed over 200 transactions in test mode with **Stripe** Payment integration.  
(React, Node.js, Firebase, Express.js, Axios, Stripe, React Context API, NoSQL.)

**Anime Freak** ([Demo](#)) ([Source Code](#))

Nav.2023

- Designed and built 'Anime Freak', a web application showcasing top anime with **infinite** scrolling using **Next.js**, **Tailwind CSS**, and **Framer Motion**,
- Planning to expand the application into an **OTT** platform for free anime streaming.  
(Next.js, Tailwind CSS, Framer Motion, Vercel.)

**Associate Google Cloud Certification** ([Link](#))

Apr.2023

- I'm Associate Google Cloud Certified with hands-on experience in Google's platform tools, focusing on cloud infrastructure, compute engines, and **Kubernetes** for **auto-scaling** and **load balancing**.

## Education

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**Rajarajeswari College of Engineering**

B.E in Electronics and communication

- Percentage - 78.4

*Bengaluru Karnataka*

*Jul.2017 - Aug.2021*