Sagar **K**

Bengaluru Karnataka India

📞91-7676885589 | ✉ sagar22krishna03@gmail.com | ⓖ ksagar03 | ⓛ Sagar Krishna

[Portfolio Link](#)

Innovative software developer with expertise in Python, JavaScript, and full-stack development. Skilled in React.js, Node.js, and cloud computing to deliver scalable solutions. Driven to contribute to cutting-edge projects and foster innovation in a dynamic environment.

Skills

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 · Vercel
Platform	Windows · Linux · QNX
Methodologies	Agile · Scrum framework
Tools	Git · VS Code · Xray · JIRA · FIGMA · TRM · Canalyzer · Vspy · Corvus

Experience

TATA Consultancy Services (TCS)   **Dec.2021 – Present**

Python and Gherkin Developer (Jaguar Land Rover client)

- Developed a **Python** application to extract Android properties, SOMEIP APIs, and their Enum messages from **JSON** and **Protobuf** files, leading to a **200%** increase in Gherkin test case development speed and the early detection of discrepancies across data formats.
- Developed a **Python automation script** to download hundreds of latest Figma specs, enabling the efficient training and creation of automation models through a plugin.
- Developed quality test cases for **ADAS** features using the **Gherkin** programming language.
- Acquired expertise in **Android Automotive** System **Architecture**, automotive protocols (CAN, FlexRay, SOMEIP), and **ISO 26262** standards for functional safety compliance.

Projects & Certificates

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

Rajarajeswari College of Engineering   *Bengaluru Karnataka*

B.E in Electronics and communication   *Jul.2017 - Aug.2021*

- Percentage - 78.4