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

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
Methodologies	Agile · Scrum framework
Tools	Git · Xray · JIRA · FIGMA · TRM · Canalyzer · Vspy · Corvus

Experience

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

- 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 the ability to detect discrepancies in JSON and protobuf files.
- Developed a Python automation script to download hundreds of latest Figma specs. These specs were utilized 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

Gamer Freak ([Demo]) ([Source Code])   **Jan.2023 – Nav.2023**

- Developed a Full-stack E-commerce web application using React, Firebase, and Bootstrap.
- Utilized Firebase for real-time database and Authentication.
- 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 using Next.js, Tailwind CSS, and Framer Motion. Showcases top anime with infinite scrolling.
- Future plan to expand 'Anime Freak' into an OTT platform for watching anime freely.
  (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