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++
Technologies	React · Firebase · Stripe · Express.js · Redux toolkit · NextJS · Tailwind CSS
Cloud Computing	Associate Google Cloud Certified
Platform	Windows · Linux
Methodologies	Agile · Scrum framework
Tools	Xray · JIRA · FIGMA · TRM · Canalyzer · Vspy · Corvus

Experience

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

- Have Experience in Android and Linux-based automotive testing for Advanced Driver Assistance Systems (ADAS) and In-Vehicle Infotainment (IVI) features within the Jaguar & Land Rover (JLR) project.
- Developed a Python application to extract Android properties, SOMIP API's and their Enum messages from JSON and Protobuf files. This enabled my teammates to develop Gherkin test cases 2 times faster and also the fetched data was fed to an automation tool.
- Developed quality test cases for ADAS features using the Gherkin language.
- Have a knowledge of Android Automotive system Architecture.
- I have acquired knowledge of various protocols such as CAN, FlexRay, and SOMIP along with experience in ISO 26262 for functional safety in automotive systems.

Projects & Certificates

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

- Created a Full-stack E-commerce web application with React, Firebase and Bootstrap. Managed to process over 200 transactions in test mode seamlessly through Stripe Payment integration and leveraged Firebase's real time database and Authentication for seamless item storage.
(React, Node.js, Firebase, Express.js, Axios, Stripe, React context API and NoSQL).

Anime Freak ([Demo]) ([Source Code])   **(Nav.2023)**

- Created 'Anime Freak', a web application using Next.js, Tailwind CSS and Framer Motion. The application displays top anime and their details, featuring an infinite scrolling feature. Future plan to expand 'Anime Freak' into an OTT platform for watching anime freely.
(Next.js, Tailwind CSS, Framer Motion)

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