

# GOKUL KOLANTHAIVEL

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## Software Developer

✉ gokulsksd@gmail.com

☎ +91 8300841583

in [Linked in](#)

## Career Objective

Passionate full-stack developer with a strong foundation in both front-end and back-end technologies. Committed to designing and implementing scalable, efficient, and user-friendly web applications. Seeking opportunities to continually expand my skill set and take on challenging projects that allow me to contribute to the success and growth of an innovative organization.

## Experience

### **Brahmarsive India Pvt Ltd (Sister Concern of Nallas)**

#### ● Associate Engineer (Apr 2023 –Jan 2024)

- Collaborated with the design unit to craft intuitive ReactJS user interfaces, integrating immersive 3D experiences with Babylon.js.
- Integrated RESTful APIs into React applications to fetch and update data, ensuring real-time updates and optimal performance.
- Implemented asynchronous operations using async/await for efficient API calls.
- Expertly integrated 3D assets, executed real-time physics simulations, and enriched user interactions within Babylon.js.
- Built an adaptive asset loader with a rule engine, dynamically optimizing RAM usage for maximized performance.
- Developed robust Python backend APIs, seamlessly connecting them with the frontend for effective communication.
- Orchestrated Azure deployment, ensuring continuous application maintenance and contributing to elevated quality standards.

### **Nallas Corporation**

#### ● Trainee Engineer (Oct 2021 –Dec 2021)

- Utilized .NET in C# to engineer web applications offering end-to-end solutions encompassing front-end and back-end services.
- Contributed collaboratively to an internal project focused on managing employee data.
- Played a key role in crafting tailored user interfaces that met specified criteria, while seamlessly integrating backend functionalities.

#### ● Associate Engineer (Jan 2022 – Mar 2023)

- Developed and integrated UI components utilizing ReactJS, contributing to an enriched user interface and improved overall user experience.

- Collaborated on the implementation of product-related features within the babylonJS framework, tailoring functionality to meet specific project requirements and ensuring seamless integration with the overall product ecosystem.
- Addressed and rectified issues and bugs within the web application to ensure a smooth and seamless user experience.
- Orchestrated the adoption of asynchronous operations to elevate API integration efficiency, optimizing the responsiveness of the system.
- Engineered Python backend enhancements through the seamless integration of decorators, augmenting functionality and streamlining code execution.

## Education

**Government College Of Engineering – Bargur**

BE,(EEE)

2017 – 2021

## Skills

- ReactJS.
- Python.
- Flask and Azure functions.
- HTML, CSS and JavaScript.
- Typescript.
- Redux.
- Babylon.js.
- Familiarity with relational databases such as MYSQL and MongoDB.
- Solid understanding of software development principles and agile methodologies.
- Excellent problem-solving and analytical skills.
- Ability to work effectively in a team as well as independently.
- Strong communication and interpersonal skills