

## **SAI KRISHNAN RU**

Trivandrum, Kerala

saikrishnan185@gmail.com | +91 9746293829

Portfolio: <https://saikrishnan185.github.io>

GitHub: <https://github.com/saikrishnan185>

LinkedIn: <https://www.linkedin.com/in/sai-krishnanru/>

### **Summary**

Full Stack Developer proficient in HTML, CSS, ReactJS, Python, Django, Flask, MySQL, and SQLite. Skilled in delivering high-quality solutions and collaborating effectively within dynamic teams. Committed to continuous learning and staying updated with emerging technologies to drive innovation and exceed client expectations.

### **Experience**

#### **Freelance Full Stack Developer**

Freelance (Remote) | 01/2023 - Present

- Enhanced project outcomes by closely collaborating with clients to meet detailed requirements, achieving a 40% increase in positive feedback.
- Created responsive and user-friendly interfaces using HTML, CSS, Bootstrap, and ReactJS, and developed robust backends with Django and Flask.
- Streamlined server-side logic and database interactions, reducing page load times by 30%.

#### **Software Development Engineer**

VinAudit (Seattle, Remote) | 04/2022 - 10/2022

- Played a key role in both front-end and back-end development using ReactJS and Flask.
- Developed a real-time inventory monitoring system, boosting inventory management efficiency by 20%.
- Modernized legacy codebases, improving code readability and maintainability.

#### **Assistant System Engineer**

Tata Consultancy Services (Kochi) | 03/2021 - 04/2022

- Developed high-performance web applications with Django and Flask, focusing on enhancing frontend functionalities.
- Managed Azure and on-prem pipelines, ensuring seamless data flow and integrity.
- Conducted comprehensive data maintenance across both on-prem and cloud pipelines.

#### **Junior Associate (Internship)**

RayKindle (Trivandrum) | 11/2020 - 02/2021

- Pioneered frontend website development using ReactJS, actively collaborating with clients to comprehend and fulfill project requirements.
- Developed captivating games utilizing the Construct 3 game engine.

### **Education**

- **BTech: Computer Science**  
APJ Abdul Kalam Technological University, Trivandrum, Kerala (CGPA: 7.02)

- **Plus Two**  
MCHSS Kottukalkonam, Trivandrum, Kerala (82%)
- **10th**  
Vyasa Vidya Bhavan, Trivandrum, Kerala (92%)

## **Skills**

- **Programming Languages:** Python, JavaScript
- **Databases:** MySQL, SQLite
- **Web Development:** HTML, CSS, Bootstrap, Tailwind CSS
- **Frameworks:** Django, Flask, ReactJS, Redux
- **Operating Systems:** Linux
- **Version Control:** GitHub

## **Tools**

- MariaDB, Databricks, Putty, Azure, JIRA, NGINX, Apache, Excel

## **Soft Skills**

- Strong analytical and problem-solving skills
- Able to collaborate effectively with team members
- Self-motivated and proactive, with a strong sense of ownership and accountability for tasks and projects
- Continuous learner with a willingness to take on new challenges and learn new technologies

## **Certifications and Courses**

- React JS Masterclass (Udemy Certification)
- Internship on Machine Learning conducted by INTERNATIONAL SKILL HUB, Trivandrum
- Internship on Networking Fundamentals at KELTRON, Trivandrum
- IoT Application Development Program Certificate of Participation by ICT Academy of Kerala
- Workshop on Arduino Programming and Sensor Interfacing Certificate of Participation by IEDC Boot Camp

## **Project**

### **CuisineConnect**

Role: Developer | <https://cuisineconnect.onrender.com/>

- Developed a web application using Flask and SQLAlchemy, facilitating recipe sharing and discovery among food enthusiasts.
- Implemented user authentication, allowing users to register, log in, and manage their profiles securely.

- Designed features for adding, editing, and deleting recipes, enhancing user engagement and content management.
- Created a recipe discovery page with pagination for browsing recipes from various users.
- Developed a detailed recipe view page enabling users to add comments and interact with recipes.
- Utilized Flask-WTF and Flask-Bootstrap for form validation and frontend styling, ensuring a smooth user experience.
- Implemented session management and flash messaging for enhanced user feedback and interaction.