

# Yaksh Patel

✉ Yakshp786@gmail.com ☎ 9164902628 🌐 [linkedin.com/in/yakshpatel8](https://www.linkedin.com/in/yakshpatel8)

🔗 <https://yakshp.github.io/Portfolio/>

## EDUCATION

---

### Bachelor's Computer Science

2024

California State University, Sacramento

**Data Structures and Algorithm Analysis | Computer Software Engineering | Object-Oriented Computer Graphics Programming | Database Management Systems | Software Engineering Project Management**

## PROFESSIONAL EXPERIENCE

---

### Full Stack Software Engineer intern

08/2024 – 12/2024

Nutriverse AI

- Developed full-stack web application for an AI-driven nutrition platform with React, Flask and Firebase.
- Developed recipe suggesting system based on user preferences.
- Integrated Google places API to give map support to user for finding nearby places based on preferences.
- Integrated real-time APIs for personalized meal recommendations.
- Applied OOP principles to build modular, reusable code, accelerating development timelines.

### Backend Software Engineer intern

12/2021 – 06/2022

Interlude

- Built backend for a music education app using Dart/Flutter, Firebase, and Docker.
- Designed APIs for authentication and data management, with CORS for integrating frontend.
- Worked on improving API performance through optimization techniques and debugging tools like Postman.
- Utilized Docker for containerization and Firebase for real-time data handling in a distributed system.

## PROJECTS

---

### Estate

03/2024 – 07/2024

Built a Full stack real estate web application with features: real time chat, map and authentication

**Technologies used:** ReactJS, ExpressJS, MongoDB, Tailwind CSS, SocketIO, Axios, Bcrypt, Prisma, JWT, Cookies, Context API, React Router Dom

- Used ReactJS, tailwind CSS, React map and SocketIO to build the front end of the website
- Used ExpressJS and MongoDB with Prisma to set up the backend of the application
- Used cookies, JWT, and advanced encryption methods for data protection and securing the routes.

### TravelX

08/2022 – 12/2022

As team lead, worked with team to deliver a Fullstack immigration verification system with CRUD capability to verify passenger information based on SSN for client: Vendia.

**Technologies Used:** ReactJS, Django, AWS, Firebase, Vendia, APIs and RESTful services

- Used ReactJS to build the Front end of website with flexbox
- Used Django for Server side of the application with Vendia as database and AWS for management
- Worked with team following Agile methodology

## TECHNICAL SKILLS

---

### Language:

TypeScript, JavaScript (NodeJS), Python, C++, Java, GraphQL

### Backend

Golang, NodeJS/ExpressJS, Django, Flask, RESTful APIs

### DBMS:

PostgreSQL, MongoDB, Firebase

### Other Tools

Terraform, Kubernetes, CI/CD pipelines(Github actions)

### Frontend

ReactJS, EJS, Bootstrap

### Testing

Jest, Mocha, Cypress

### Cloud & Deployment:

AWS (S3, EC2), Firebase, Docker