

# Akshay Gopal

## Full Stack Developer

Results-driven professional with a fervent enthusiasm for tackling challenges and solving complex problems.

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## WORK EXPERIENCE

### Full Stack Developer

#### Airline Pros

07/2024 - 11/2024

remote

##### Achievements/Tasks

- Strong exposure to the travel domain, working on an Online Travel Agency (OTA) project.
- Worked on building and maintaining scalable web applications using **NestJS** and **NextJS** frameworks.
- Hands-on experience working with **Amadeus API** and other flight consolidator APIs to enhance booking and flight search functionalities.

### Full stack Developer

#### Quest Global Private Limited

01/2022 - 06/2024

hybrid

##### Achievements/Tasks

- Developed dynamic web applications using **ReactJS**, leveraging the power of **Redux** for state management. Implemented and maintained responsive user interfaces to enhance user experience.
- Engineered audio calling applications using **NodeJS** and **ExpressJS**, incorporating **webRTC** technology for seamless communication. Spearheaded the implementation of **event-driven architecture** using **KafkaJS** and **WebSockets** packages.
- Contributed to the development of a robust **microservices architecture** using **Spring Boot**, ensuring scalability and maintainability. Collaborated with cross-functional teams to deliver high-performance and resilient microservices.
- Applied containerization techniques using **Docker** to encapsulate applications and dependencies for consistent deployment across environments. Orchestrated containers with **Kubernetes** in Docker Desktop and Rancher Desktop within the WSL environment.
- Successfully deployed applications to **AWS Cloud**, utilizing EC2 instances. Automated ad-hoc tasks on EC2 instances using **Ansible**, streamlining deployment processes and ensuring consistency.
- Proactively took on the role of a mentor, guiding and training new team members in MERN (MongoDB, Express.js, ReactJS, Node.js) stack development. Developed comprehensive training programs to equip newcomers with the necessary skills and knowledge for successful project engagement.

## EDUCATION

### B.tech

#### Younus College of Engineering & Technology

04/2016 - 04/2020

##### Course

- Computer Science & Engineering

### Full stack Developer Course

#### ICT Academy

10/2020 - 05/2021

Trivandrum

## SKILLS

ReactJs

NodeJs

Docker

Kubernetes

WebSocket

JavaScript

AWS

Azure

Solidity

Blockchain

MongoDB

KafkaJs

Ansible

Redux

## PERSONAL PROJECTS

### Decentralized Dating App (2024)

- leverages smart contracts written in **Solidity** to manage interactions securely and transparently, while using **IPFS (InterPlanetary File System)** to store user images and profiles in a decentralized and immutable manner.

### Augmented reality virtual assistant - AVA (2020)

- A virtual assistant using **Google ARCore** to appear in front of the user. this project established a new way of interaction between user and machine.

## ACHIEVEMENTS

### Techathon 2020

Finalist

### Digital Health Ideathon 2024

Projects Selected

### On the fly awards 2023

Quest Global

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Malayalam

Full Professional Proficiency

Japanese

Elementary Proficiency

## INTERESTS

Film making

Travelling

Manga

movies

AR/VR