

# SIVANANDAN R

## SUMMARY

Motivated and passionate Full Stack Developer with strong backend expertise in Java and Spring Boot, and working knowledge of React for frontend development. Experienced in solving 160+ Data Structures and Algorithms problems using Java and Python, demonstrating strong problem-solving skills across multiple languages. A quick learner with a keen interest in software development, teamwork, and delivering clean, efficient, and scalable solutions. Committed to continuous learning and leveraging technology to build impactful applications.

## EXPERIENCE

06/12/2024 – 31/12/2024

### AWS Intern Revolite Technology

Gained hands-on experience with AWS services like EC2, VPC, IAM, and S3.

27/02/2024 – 15/03/2024

### Web Technology Intern

### 8 Queens Technology

Gained hands-on experience Worked on web development projects, designing user-friendly interfaces.

## PROJECT

### URL Shortener

I developed a full-stack URL Shortener application using React (Vite) for the frontend and Spring Boot for the backend. The backend follows a structured architecture with Controller, Service, and Entity layers. I implemented REST APIs, custom short codes, URL expiry, click tracking, and secure JWT-authenticated logging to AffordMed's API server.

### Hospital Management System

Developed a hospital management system using Spring Boot for backend logic and React for a minimal frontend. Implemented CRUD operations across modules like patient registration, doctor management, appointments, and billing. Followed layered architecture (Controller, Service, Repository), used REST APIs for communication, and MySQL for persistent data storage

### Video Calling Application

Built a Live Video Room App using React, Node.js, Socket.IO, and WebRTC, enabling real-time peer-to-peer video communication. Integrated frontend and backend with event handling for joining/leaving rooms and stream sharing. Used Ngrok for cross-device testing.

## CONTACT

 +91 9445104205

 [rajaramsiva19@gmail.com](mailto:rajaramsiva19@gmail.com)

 Sankarapuram, Kallakurichi, Tamil Nadu

## EDUCATION

2022- Present Veltech Multitech

College, Avadi

B.Tech -Computer Science and Business System

CGPA: 7.60

2021-2022

St. Joseph Academy Matric Higher Secondary School, Sankarapuram

Higher Secondary Certificate (HSC) -79%

2019-2020

Secondary School leaving Certificate(SSLC)-88%

## SKILLS

### Technical Skills

- Java -Core Java, OOPs, Collections, Exception Handling
- React - Functional Components, Hooks (useState, useEffect), Axios, Vite
- SQL-DDL,DML Commands
- AWS – EC2, S3, IAM, VPC, Cloud Basics
- Android Studio(Java)- Basics, Jet Pack Libraries like Navigation Graph, View Model,etc.
- Power BI Data Visualization, DAX, Interactive Dashboards
- Spring boot – REST API Development, Web Layer, Swagger Documentation

### Hard Skills

- Effective Communication
- Problem-solving
- Leadership
- Time Management

## ACHIEVEMENTS

- Attended a Python Programming Workshop conducted by top engineering faculty at IIT Chennai.
- Completed a certified Power BI Workshop, gaining practical skills in data visualization and dashboard creation.
- Solved 100+ DSA problems on LeetCode using Java, improving problem-solving and algorithmic thinking.
- Awarded the NCC "C" Certificate with "A" Grade after 3 years of disciplined training and service.

## LANGUAGES KNOWN

- English
- Tamil
- Hindi(Basic)