

# Nagaraj S R

+91 9632809571 | nagarajnagu577541@gmail.com | [linkedin:nagaraj-SR](#) | [github:nagaraj.com](#)

## Professional Summary

Java Full Stack developer skilled in designing and developing scalable applications using **React.js, JavaScript, HTML5, and CSS3, Java, Spring Boot, and MySQL**. Experienced in building **RESTful APIs**, microservices, and deploying applications on **AWS Cloud (EC2, S3, RDS, DynamoDB, Lambda, VPC)**. Strong problem-solving skills with expertise in performance optimization.

## PROJECTS

### Campus Event Management



JAVA, Spring boot, Hibernate, MySQL, JDBC, REST API.

Developed a full-stack web application featuring an event dashboard and admin panel. Implemented **real-time reporting for registrations**, attendance tracking, and student analytics. Demonstrated backend development, **relational database** design, and professional SDLC practices.

### Emotion Recognition and Adaptive Music Playlist Generation using AI.

Developed a full-stack, serverless web application for emotion-aware music recommendation using **React.js, JavaScript, HTML5, and CSS3**. Implemented real-time facial emotion detection with AWS Rekognition and a scalable serverless backend using AWS Lambda and **AWS API Gateway**. Utilized **AWS S3** for storage and **AWS Amplify** for deployment and CI/CD. Integrated cloud services using Node.js and managed version control with **Git**, demonstrating strong frontend development, cloud-native architecture, **API integration**, and professional SDLC practices.

## TECHNICAL SKILLS

- **Languages:** Java, Basic [Con]
- **Front End:** HTML, CSS, JavaScript, React.js,
- **Back End:** Spring Boot, Hibernate, JPA, JDBC, Maven, Microservices, REST API
- **Database and Services:** MySQL, PostgreSQL
- **Cloud:** AWS EC2, AWS S3, AWS VPC Gateway, AWS Amplify.
- **Version Control:** Git, GitHub

## EDUCATION

### Acharya Institute of Technology

6.8 CGPA

Bachelor of Engineering in Computer Science

Aug 2022 – May 2026

### DVS Composite PU College

70%

12th grade—physics, chemistry, mathematics

Aug 2020 – May 2022

## Certifications

- Fundamentals of Java Programming – [Hacker Rank](#)
- Java SE 17 Developer (1Z0-829) Cert-Prep - [LinkedIn](#)
- AWS Cloud Practitioner Essentials– [AWS Skill Builder](#)

## Hobbies & Achievements

- VTU State-Level Kho-Kho Player
- Passionate about teamwork, fitness, and jogging