

Nagaraj S R

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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