SIMRAN NADAF

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Motivated computer science student with a strong foundation in Java and object-oriented programming, seeking a Java Developer Internship to enhance my technical skills and gain practical experience in application development.

EDUCATION

Srinivas University Institute of Engineering and Technology   **Nov 2022 – Nov 2026**
Bachelor of Technology in Computer Science & Engineering   Mangalore
Coursework : Data Structures & Algorithms, Operating Systems, OOP, DBMS, Computer Networks

Morarji Desai Residential Pre – University College   **Jun 2020 – Apr 2022**
Pre-University Course – 93.6 %   Ramanagara

SKILLS

Programming Languages : Java | JavaScript | HTML | CSS
Core CS Concepts : Data Structures & Algorithms | OOP | DBMS| Computer Networks | Operating Systems
Frameworks & Libraries : React.js |Node.js | Express.js | TailwindCSS
Tools & Technologies : Git | GitHub | Linux | MySQL | REST APIs | Postman | Jira
Soft Skills : Adaptability | Communication | Problem Solving | Ownership | Curiosity | Team Collaboration

EXPERIENCE

CodeLab Systems - MERN Stack Intern   **May 2025 – July 2025**
- Developed full-stack features using React, Node.js, Express, and MongoDB, including REST APIs and dynamic UI components.
- Implemented JWT authentication, optimized database queries, and improved API performance by handling errors and middleware efficiently.
- Collaborated in an agile environment using Git, code reviews, and sprint planning, improving code quality and team workflow.

PROJECTS

College Complaint Management Portal | Java, Spring Boot, REST API, MySQL, HTML, CSS
Developed a Complaint Management Portal using Spring Boot (REST API), MySQL, and JPA with CRUD functionality for student complaints.
Built a responsive frontend with HTML, Bootstrap, and JavaScript featuring real-time updates and interactive alerts.

Recipe App Web Application | React, Node.js, Express, MongoDB
Developed a Recipe Web App using React, Material UI, Axios, and deployed on Vercel with recipe search, ratings, reviews, and profiles.
Built features for recipe sharing, ingredients, instructions, and a contact section to create a complete cooking community experience.

Geo Poverty Analyzer | In Progress
Developed a Geo Poverty Analyzer that leverages geospatial data to identify poverty hotspots and support targeted development planning.
Integrated interactive maps and visual dashboards to clearly present poverty indicators and regional disparities.

CERTIFICATIONS

- **Database Management Certification -** Concepts of SQL, normalization, indexing, transactions, and database design
- **AWS -** Certified in AWS Cloud fundamentals with hands-on experience in deploying and managing cloud resources.
- **Secure Coding in Java and SpringBoot -** Applied secure coding standards in Java and Spring Boot, ensuring safe authentication, input validation, and secure API development.