

Nagaraj R

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About Me

5th-semester Information Technology student aspiring to become a Software Development Engineer. Skilled in building scalable, user-focused applications and solving complex problems. Passionate about backend engineering, cloud technologies, and writing reliable, maintainable code.

Technical Skills

Programming Languages

Java, JavaScript, C

Core Concepts

Data Structures Algorithms (DSA), Object-Oriented Programming (OOP), OS , Problem Solving

Frontend

React.js (Basics), HTML5, CSS3

Backend

Node.js, Express.js, Fastify

Databases & ORMs

MySQL, PostgreSQL, SQL, Database Design, Sequelize ORM, Prisma ORM

Cloud & DevOps

AWS Cloud Practitioner, Cloud Fundamentals, DevOps Basics

Tools

Git, GitHub, VS Code

Education

Bannari Amman Institute of Technology

2023 – Present

B.Tech Information Technology

- CGPA: 7.91 (up to 4th semester)

Experience

Full Stack Intern — Crayon'd

Sep 2024 – Apr 2025

- Built and optimized backend REST APIs using Node.js, Express.js, and Fastify.
- Designed MySQL and PostgreSQL schemas and integrated ORM tools like Sequelize and Prisma.

Cloud and DevOps Training

Aug 2025 – Sep 2025

- Gained hands-on knowledge of cloud computing, networking, and security fundamentals.
- Learned DevOps practices including CI/CD pipelines, Git version control, and automation basics.

Certifications

AWS Certified Cloud Practitioner

August 2025

- Valid Through: August 2028

Crayon'd Internship Certificate — Full Stack Developer

September 2024 – April 2025

- Completed a full-stack development internship focused on backend engineering and API development.

Core Java Certification — Apollo Computer Education

April 2023 – August 2023

- Learned Java fundamentals, OOP principles, and core programming concepts.

Projects

Discussion Forum Web Application

Jan 2024 – Apr 2024

- Built a full-stack discussion platform using React, Node.js, and Express.js.
- Built responsive frontend using React.
- Developed RESTful APIs and designed MySQL database schemas.
- Implemented authentication and authorization for secure user access.

Online Food Delivery Platform

Dec 2025 – Present

- Developed a full-stack food delivery application using React and Redux.
- Built backend APIs with Node.js and Express.js and managed PostgreSQL using Prisma ORM
- Implemented CRUD operations for users, restaurants, and orders.

SkillSwap — Peer-to-Peer Skill Exchange Platform

Oct 2025

- Built a skill exchange platform with real-time chat using WebSockets.
- Developed backend APIs and managed user roles and workflows.
- Implemented JWT-based authentication to ensure secure access.