

VYSHNAVI GONCHIGARI

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PROFESSIONAL SUMMARY

Full stack Software Developer skilled in building scalable full-stack applications using Java, Spring Boot, Node.js, and ReactJS. Experienced in designing secure REST APIs, integrating SQL and MongoDB databases, and creating responsive, user-friendly interfaces. Known for writing clean, maintainable code, strong problem-solving skills, and a continuous drive to learn and adopt new technologies in dynamic environments.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript (ES6+), Python, C
- **Frameworks and Libraries:** Spring Boot, Hibernate, Node.js, Express.js, ReactJS
- **Frontend:** HTML5, CSS3, Bootstrap, Tailwind CSS, Responsive Design
- **Backend:** Node.js, Express.js, Spring Boot
- **Databases:** MySQL, MongoDB
- **Methodologies:** Agile Development
- **Core Concepts:** RESTful APIs, Object-Oriented Programming, Data Structures & Algorithms, Generative AI Awareness
- **Tools and Platforms:** Git, GitHub, Postman, Eclipse, VS Code, Render

PROFESSIONAL EXPERIENCE

Programmer Analyst - Cognizant Technology Solutions

Aug 2022 – Jan 2023

- Developed backend services in **Spring Boot** and Java, implementing **REST APIs** and core business logic.
- Improved code stability through **JUnit** testing, debugging, and active participation in code reviews.
- Strengthened team workflows by refining version control practices, reducing Git merge conflicts by **30%**.
- Applied **SDLC** principles and code optimization techniques to enhance maintainability.

Software Developer Intern - Gusto Valley Technovations

Jan 2022 – Jun 2022

- Contributed to web applications using **Java**, **JavaScript**, HTML, CSS, and MySQL across frontend and backend.
- Built and tested dynamic pages to improve **responsiveness** and user experience.
- Collaborated with senior developers to **debug issues** and enhance application performance.
- Gained practical understanding of **database integration**, REST concepts, and full-stack development.

PROJECTS

Homely Bites Cloud Kitchen Review Platform | Node.js, Express.js, MongoDB, EJS

<https://homelybites-o51g.onrender.com>

A Node.js and Express review platform enabling secure login, ratings, and a responsive UI for cloud kitchens.

- Built a review platform supporting **200+ users** with authentication and rating features.
- Designed responsive UI and **RESTful APIs**, exposing 15 endpoints to support review creation, updates, and retrieval.

Student Project Management System | Java, Spring Boot, MySQL

A Java and MySQL system to manage student projects with database-backed progress tracking and reporting.

- Developed a **secure dashboard** managing **100+ student projects** with MySQL based reports.
- Implemented **role-based access** and **CRUD workflows**, and database integration across 5 key modules.

Sentiment Analysis for Review Summarization | Python, NLTK, Flask

Python and Flask application classifying review sentiments using NLTK and scikit-learn, presented via a simple UI.

- Trained a sentiment classifier on **5,000+ reviews**, achieving **90% accuracy**.
- Integrated the model into a Flask UI to display insights for users.

Drum Kit Interactive Music App | HTML, CSS, JavaScript

<https://vyshnavigonchigari.github.io/Drum-Kit>

A JavaScript-driven web app triggering drum sounds via keyboard and mouse events with animations.

- Built an **event-driven** web app with audio and animations across 9 interactive sound pads.
- Hosted on **GitHub Pages** to achieve faster loads and reach a growing user base.

EDUCATION

B.E. in Computer Science and Engineering

NIE Institute of Technology | Mysore

Jul 2018 – Jul 2022