VYSHNAVI GONCHIGARI

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PROFESSIONAL SUMMARY

Passionate 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.

SKILLS

- **Languages:** Java, JavaScript (ES6+), Python, C
- **Frameworks & Libraries:** Spring Boot, Hibernate, Node.js, Express.js, ReactJS
- **Databases:** MySQL, MongoDB
- **Tools & Platforms:** Git, GitHub, Postman, Eclipse, VS Code, Render
- **Web:** HTML5, CSS3, Bootstrap, Responsive Design
- **Concepts:** RESTful APIs, Object-Oriented Programming, Agile Development

WORK EXPERIENCE

Programmer Analyst - Cognizant Technology Solutions　　　　　　　　　　AUG 2022 - JAN 2023

- Developed and maintained Java-based applications using **Spring Boot** for backend functionalities.
- Performed unit testing with JUnit and resolved bugs through detailed debugging and code reviews.
- Assisted in designing and improving **REST API** logic for smoother client-server communication.
- Enhanced collaboration and reduced Git merge conflicts by 30% through improved version control.
- Gained strong exposure to **software development life cycle (SDLC)** and code optimization techniques.

Software Developer Intern - Gusto Valley Technovations　　　　　　　　　　JAN 2022 - JUN 2022

- Assisted in developing web-based applications using **Java, JavaScript, HTML, CSS, and MySQL**.
- Built and tested dynamic web pages to improve user experience and responsiveness.
- Collaborated with senior developers to debug and enhance application performance.
- Gained hands-on exposure to **frontend and backend development** concepts and **database integration**.

PROJECTS

Homely Bites – Cloud Kitchen Review Platform | Node.js, Express.js, MongoDB, HTML, CSS

- Developed a dynamic review platform for 200+ users with secure login and rating features.
- Designed responsive UI and RESTful APIs.
- Deployed live at: homelybites-o51g.onrender.com

Student Project Management System | Java,MySQL

- Designed and implemented a secure project management system for 100+ student projects with database-backed progress tracking and report management.

Sentiment Analysis for Review Summarization | Python, NLTK, Scikit-Learn, Flask

- Built a sentiment classification model analyzing 5,000+ reviews with 90% accuracy.
- Integrated the model with a Flask-based interface developed by the team for displaying insights.
- Improved result precision through text preprocessing and model tuning, boosting accuracy by 10%.

Drum Kit – Interactive Music App | HTML, CSS, JavaScript

- Built a fun, interactive drum kit web app responding to keyboard and mouse events using JavaScript.
- Implemented audio playback and animations for a responsive user experience.
- Hosted live using GitHub Pages: https://vyshnavigonchigari.github.io/Drum-Kit

EDUCATION

B.E. in Computer Science and Engineering　　　　　　　　　　JUL 2018 – JUL 2022
NIE Institute of Technology, Mysore | CGPA: 7.91

STRENGTHS

- Quick learner with a passion for innovation and continuous improvement.
- Strong communicator and team collaborator in cross-functional settings.
- Committed to writing clean, maintainable, and secure code that enhances user experience.