

Nithin Bairoju

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OBJECTIVE

Passionate Software Developer experienced in full-stack development and system design, with a focus on scalable, user-friendly applications. Skilled in Java, Spring Boot, PostgreSQL, and React Native, and eager to contribute to innovative products in a collaborative team environment.

EXPERIENCE

Software Development Intern | Firstbench.ai | april 2025 – june 2025

- Developed core backend features for a full-stack news application using **Java (Spring Boot)** and **PostgreSQL**, serving real-time updates to 500+ users daily with optimized query performance
- Contributed to the design and development of **modular, scalable system architecture** capable of handling 1000+ concurrent users, while participating in **product design** discussions to define key user flows and application features
- Collaborated with the **React Native** frontend team to ensure smooth API integration and functionality across mobile platforms, reducing API response time by 40%
- Built multiple **secure and maintainable backend modules** following clean code and best practice standards, while working in an **agile environment** with bi-weekly sprint planning, development, and reviews

PROJECTS

Tracw – Secure Banking Application: [\[GitHub\]](#)

Tools: Java 21, Spring Boot, Spring Security, Spring Data JPA, H2 DataBase, Maven

- Developed a secure banking application with **Spring Security** for authentication and role-based access control.
- Implemented **Spring Data JPA** for efficient database operations and used H2DataBase for data persistence.
- Designed RESTful APIs for handling transactions, user accounts, and financial records
- Built a user-friendly web interface using **HTML, CSS, and JavaScript**.

Dynamic To-Do Management System: A web-based application for managing personal tasks with real-time updates. [\[GitHub\]](#)

Tools: JSP, Servlets, MySQL, HTML, CSS, JavaScript, Bootstrap

- Developed a **secure user authentication** system to ensure only authorized access to task data.
- Implemented AJAX for real-time task addition, updates, and deletion without page reloads, enhancing user experience.
- Created a dynamic task management interface with features for marking tasks as complete or incomplete, ensuring intuitive usability.
- Applied exception handling techniques to ensure **reliable database operations** and error-free task management.

EDUCATION

.Indur institute of engineering and technology	2022 - 2025
B.Tech, Computer science	Siddipet, india
◦ Percentage: 62%	
.Government polytechnic college siddipet	2019-2022
Electronic & Communication Engineering	Siddipet, india
◦ Percentage: 80%	

SKILLS

- Programming Languages:** Java, Node.JS
- Frameworks:** Spring, Spring Boot, Spring Security
- Web Technologies:** HTML, CSS, JavaScript, Bootstrap, ReactJs
- Database Systems:** SQL, MySQL
- Version Control:** GIT
- Technologies :** REST API
- Other:** System Design, Product Design, UI/UX Design

Languages & Interests

- Languages:** Telugu, English, Hindi
- Interests & Hobbies:** Story Writing, Movies, Music, Design