

Nithin Bairoju

+91 9390817004 | nithinbairoju123@gmail.com | nithin-dev.vercel.app | github.com/NithinBairoju | [Linkedin](#)

OBJECTIVE

Passionate Software Developer with hands-on experience in full-stack development and scalable system design. Proficient in Java, Spring Boot, MySQL, and React JS, seeking to contribute to innovative projects in a collaborative team environment.

EXPERIENCE

Software Development Intern | Firstbench.ai | April 2025 – June 2025

- Designed the complete system architecture for a scalable, full-stack news application.
- Developed backend services using Java (Spring Boot) and PostgreSQL with modular code structure.
- Gained hands-on experience in system design, clean coding practices, and RESTful API development.
- Worked closely with the React Native team for API integration and feature alignment across platforms.

PROJECTS

UPSC Blog Generator – AI-Powered News Summarization App [GitHub: [backend](#), [frontend](#)]

Tools: Java 21, Spring Boot, Spring Data JPA, REST APIs, React, Tailwind CSS, Gemini API, MySQL, Maven

- Built a full-stack app that summarizes NDTV RSS feeds into UPSC-focused blogs using Gemini 1.5 API.
- Developed a modular Spring Boot backend with in-memory Pub/Sub for async blog generation.
- Created REST APIs for category-wise blog access and integrated MySQL for storage.
- Designed a responsive React + Tailwind frontend to render AI-generated markdown blogs.

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 H2 Database 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 [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.

SKILLS

- Programming Languages:** Java
- Frameworks & Libraries:** Spring Boot, React JS
- Web Technologies:** HTML, CSS, JavaScript
- Database Systems:** SQL
- Tools & Technologies:** GIT, REST API
- Other:** System Design(Basic) , UI/UX Design

EDUCATION

Indur Institute of Engineering and Technology

B.Tech in Computer Science | Siddipet, India | 2022 – 2025

Percentage: 62%

Government Polytechnic, Siddipet

Diploma in Electronics & Communication Engineering | 2019 – 2022

Percentage: 80%