Nithin Bairoju

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OBJECTIVE

Backend-focused full-stack developer with hands-on experience building real features, APIs, and deployment pipelines in small, fast-moving teams. I enjoy working close to the product — taking a requirement, breaking it down, and delivering clean, tested, and deployable code. Most comfortable in Java/Spring Boot environments with PostgreSQL/MySQL, but I also work across the stack when needed. Looking for a role where I can contribute to backend/API work, system design fundamentals, and production engineering.

SKILLS

- **Languages:** Java, JavaScript
- **Backend:** Spring Boot, Spring Data JPA, Spring Security, REST APIs
- **Frontend:** React.js, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Databases:** PostgreSQL, MySQL, H2
- **Tools & DevOps (Familiar):** Docker, Railway Cloud, GitHub Actions (CI/CD), Postman, Maven
- **Version Control:** Git, GitHub
- **Concepts:** System Design Basics, Async Processing, API Integration, Authentication & Authorization

EXPERIENCE

Software Developer – Backend & Full-Stack | Xploar.ai | April 2025 – November 2025

- Built and maintained core backend modules in Spring Boot, including authentication flows, content generation, and user operations.
- Designed database schemas and integrated PostgreSQL + MongoDB based on data structure needs.
- Implemented async handlers/background workers to process heavy tasks and improve API performance.
- Set up CI/CD pipelines with GitHub Actions and managed multi-environment deployments on Railway.
- Worked with the frontend team to refine API contracts, fix integration issues, and ensure stable production releases.

PROJECTS

Xploar App – End-to-End Platform (Company Project) [app.xploar.ai]

Tools: Java 21, Spring Boot, PostgreSQL, MongoDB, React.js, Railway Cloud, Docker (Basic)

- Built and maintained core backend APIs for authentication, content workflows, and user operations, with clean service-layer design.
- Designed database models across PostgreSQL and MongoDB and optimized key queries, indexes, and data access patterns.
- Integrated **OpenAI** into the app to generate AI-driven content and implemented async handlers to process these workloads efficiently.
- Set up and managed preview, testing, and production deployments on Railway using Dockerized builds and GitHub Actions for automated releases.

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 an AI-based blog summarizer converting NDTV news feeds into UPSC blogs using Gemini API.
- Developed async backend for fast, non-blocking blog generation and optimized DB access.
- Created a responsive React UI with category filters for smooth content browsing.

EDUCATION

Indur Institute of Engineering and Technology
B.Tech in Computer Science | Siddipet, India | 2022 – 2025
Percentage: 65%

Government Polytechnic, Siddipet
Diploma in Electronics & Communication Engineering | 2019 – 2022
Percentage: 80%