GURU PRASAATH

Software Developer

+91 7708409702 | guruprasaathar2002@gmail.com | linkedin.com/in/guruprasaathar/ | github

SUMMARY

NIT graduate with **1.5 years** of experience developing performance-critical systems in C++. Proficient in backend development using Spring Boot and REST APIs. Refactored over **5,000+ lines** of legacy code and solved **300+** LeetCode problems. Strong in DSA and system design. Seeking impactful backend or system development roles focused on scalability, modular architecture, and clean code.

TECHNICAL SKILLS

Languages: C++, C, Java, JavaScript
Databases: MySQL, PostgreSQL
Frameworks & Libraries: Spring Boot, Spring MVC, Tailwind CSS
Tools & Technologies: Git, JUnit, RESTful APIs
Core Concepts: DSA, OOP, Low-Level Design, Microservices, OS

EXPERIENCE

Programmer (C++ Systems) Aug. 2023 – Mar. 2025
Nytwolf Games *Coimbatore, India*

- Built a modular action system in **C++** using clean architecture and LLD, enabling dynamic workflows across **10+ scenarios**.
- Developed a component-based UI framework with **30+ reusable widgets**, streamlining feature integration.
- Refactored **5,000+ lines** of legacy code, improving performance by **25%** and reducing UI bugs by **40%**.

PROJECTS

Student Management System (CRUD Application) July 2025
Spring Boot, Spring JDBC, PostgreSQL

- Built a full-stack CRUD application to manage student records, featuring create, update, delete, and list operations.
- Implemented layered architecture using the **Controller-Service-Repository** pattern for scalability and unit test support.
- Integrated **Spring JDBC** with **PostgreSQL** to enable reliable and efficient database transactions.

Secure User Authentication System Dec. 2021 – Jan. 2022
Java Swing, JDBC, MySQL

- Developed login/registration with input validation, password hashing, and session handling.
- Used **JDBC** with **MySQL** for persistent role-based access control.

EDUCATION

National Institute of Technology, Puducherry 2019 – 2023
B.Tech in Electronics and Communication Engineering *CGPA: 8.27*

CODING PROFILES

- **LeetCode:** Solved 300+ problems
- **CodeStudio:** 1800+ Rating
- **GitHub:** github.com/Guruprasaath-ar