

Prakhar Tripathi

+91-8052288647 | gurawliprakhar@gmail.com | LinkedIn | GitHub | LeetCode | Medium

SKILLS

Languages: Java, JavaScript, Dart, SQL

Backend: Spring Boot, REST APIs, Microservices, JPA/Hibernate

Frontend: React, Flutter, HTML, CSS, Tailwind CSS

Databases: MySQL, PostgreSQL, MongoDB

DevOps & Security: Docker, CI/CD basics, JWT, BCrypt, AES

Testing & Tools: JUnit, Jest, Postman, Git, GitHub, IntelliJ IDEA

WORK EXPERIENCE

Java Developer Intern

Remote

SyntecxHub

Jan 2026 – Feb 2026

- Implemented backend features using Core Java and Spring Boot with focus on clean, modular design.
- Worked extensively with OOP, collections, and exception handling in production-style projects.
- Collaborated remotely via code reviews to improve implementation quality and design decisions.

PROJECTS

POS Pro – Point of Sale System

GitHub

Java, Spring Boot, React, Tailwind CSS, MySQL, JWT, Docker

- Built a full-stack POS platform supporting inventory, billing, employees, customers, and multi-branch stores.
- Designed secure backend services using Spring Boot with JWT authentication and role-based access control.
- Implemented scalable REST APIs for orders, inventory tracking, refunds, and cashier shift reporting.
- Developed responsive React UI with dark mode and real-time stock status indicators.

Smart Password Manager with AI Suggestions

GitHub

Java, Spring Boot, MySQL, Docker, JWT, AES, OpenAI API

- Developed a secure backend system for credential management following SRE reliability principles.
- Implemented JWT authentication with AES encryption and BCrypt password hashing.
- Built fault-tolerant REST APIs with centralized exception handling and health checks.
- Integrated AI-powered password generation using OpenAI API.

College Connect Mobile Application

GitHub

Flutter, Dart, Firebase

- Built a real-time mobile application using Firebase for student communication and job postings.
- Implemented document upload/download with failure handling and event-driven updates.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Lucknow, UP

Dr. A.P.J. Abdul Kalam Technical University (AKTU) — CGPA: 7.20

2024

Intermediate (Class XII)

Pratapgarh, UP

C.P.M Inter College — Percentage: 72

2019

CERTIFICATIONS

Full Stack Web Development – TAP Academy