

# 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

Jan 2026 – Feb 2026

*SyntecxHub*

- 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