

POLAKI JAYAKRISHNA

Vijayawada | polakijayakrishna@gmail.com | +91 9381743787 | [Linkedin](#): Jayakrishna Polaki |

[Github](#): POLAKI JAYAKRISHNA | [Leetcode](#): Polaki Jayakrishna

Summary

Java Backend Developer with a strong foundation in Core Java and basic knowledge of SQL and Spring Boot. Experienced in developing projects such as URL Shortener and Library Management System, applying OOP principles, Collections Framework, and SQL queries for data handling. Quickly learning new technologies and adapting to different work environments, with a commitment to delivering quality solutions. I am proficient in using IntelliJ IDEA, Git, and GitHub for development and version control.

Technologies

Languages: **Java** and Basics in Python, SQL, HTML

| DB: MySQL

Tools: IntelliJ, VS Studio

| Concepts: **OOPS**, DSA, DBMS

Education

A.K.T. Municipal Corporation High School

• Grade - X (78%) June 2019 – Apr 2020

Kakaraparti Bhavanarayana College

• Grade - XII (75%) June 2020 – Apr 2022

Kalasalingam Academy of Research and Education

• B. Tech in CSE Sep 2022 – Apr 2026

CGPA 7.52(up to 6th semester)

Projects

URL Shortener – Short link generation using Java + Spring Boot + MySQL

Tech: Java, Spring Boot, MySQL, REST API | **Features:** Shorten URLs, retrieve original URLs, CRUD operations, RESTful endpoints tested via Postman.

- Developed a REST API to convert long URLs into short, shareable links.
- Integrated MySQL for persistent storage of URL mappings.
- Implemented CRUD operations and applied RESTful API principles for backend functionality.

Library Management System – Book tracking using Java + JDBC + MySQL

Tech: Java, JDBC, MySQL, Collections Framework | **Features:** Add/Search/Issue/Return Books, CRUD operations, in-memory & database integration.

- Created a console-based application to manage library inventory for books.
- Integrated MySQL for storing and retrieving book details while using Collections for in-memory operations.
- Applied OOP concepts such as Encapsulation, Inheritance, and Polymorphism.

Certificates

Technical Certifications:

- Data Visualization: Empowering Business with Effective Insights – Forage
 - Design and Analysis of Algorithms – CodeChef
 - Database Management Systems – CodeChef
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