

PINKUNA PRUSTY

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PROFILE SUMMARY

Electronics and Communication Engineering graduate with strong practical experience in Java, Spring Boot, SQL, JDBC, and REST APIs, focused on backend development and database integration. Proficient in tools like Eclipse, VS Code, Git, and MySQL, with a solid understanding of the software development lifecycle. Passionate about writing clean, maintainable code and collaborating in team environments. Eager to learn new technologies, take on challenges, and contribute effectively to real-world software development projects.

TECHNICAL SKILL

- **Languages:** Java (Java 8, OOPs, Exception Handling, Multithreading, Collections Framework, JDBC)
- **Frameworks:** Spring Boot, Spring MVC, Spring Data JPA, REST APIs, Spring Security, Hibernate
- **Microservices:** Spring Cloud, Eureka, API Gateway, Circuit Breaker
- **Frontend:** HTML, CSS, JavaScript, Thymeleaf, React.js
- **Database:** MySQL, Oracle
- **Testing:** Postman
- **Tools:** Git, GitHub, Maven, Swagger, Eclipse IDE

PROJECTS

Car Rental System

Duration: Nov – 2025 (*Present*) | **Tech Stack:** Java, Spring Boot, Spring Security (JWT), Spring Data JPA, REST APIs, React JS, MySQL, Maven

A full-stack web application that allows customers to browse available cars, book rentals, and make payments, while admins manage car companies, variants, cars, customers, and booking approvals.

Key Contributions:

- Developed complete backend using Spring Boot following layered architecture (Controller → Service → Repository).
- Implemented JWT-based authentication and authorization to secure Admin and Customer access.
- Built REST APIs for car, customer, booking, and payment modules to support all core operations.
- Used Spring Data JPA for CRUD operations and efficient interaction with the MySQL database.
- Built Admin and Customer modules for car listings, bookings, approvals, and payments.

Smart Contact Manager

Duration: Jun - 2025 | **Tech Stack:** Java, Spring Boot, Spring Security, Spring Data JPA, MySQL, Thymeleaf, Maven, Bootstrap

Built a secure contact management web application using Java, Spring Boot, Spring Security, Spring Data JPA, MySQL, and Thymeleaf. Implemented role-based login with BCrypt encryption, added contact CRUD features, ensured data consistency through DTOs and validations, and designed a responsive UI using Thymeleaf and Bootstrap.

Key Contributions:

- Developed a secure web application to manage and organize personal and professional contacts.
- Implemented Spring Security with BCrypt for user authentication and password encryption.
- Ensured data consistency and scalability using Spring Data JPA with MySQL.
- Added robust validations, DTOs, and global exception handling to deliver clean and consistent API responses.
- Built dynamic and responsive UI using Thymeleaf templates and Bootstrap.

EDUCATION

B.Tech – ECE – Electronics and Communication Engineering

Biju Patnaik University of Technology, Rourkela, Odisha | 2020 – 2024

STRENGTHS

- Strong analytical and problem-solving skills
- Adaptable and quick learner.

LANGUAGES

English — Fluent

Hindi — Fluent