

Prajapati Vimal

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EDUCATION

Indus University

Bachelor's of Technology in Computer Engineering (9.5/10)

Ahmedabad, India

May 2025

EXPERIENCE

Java Intern - Software Engineering

pseudocode infotech

jan 2025

India

Completed hands-on training at Pseudo Code Infotech, focusing on Core Java, Spring Boot, Maven, Hibernate/JPA, and JWT-based Authentication. Built real-world backend applications using RESTful APIs, integrated secure token-based login (JWT), managed dependencies with Maven, and implemented database operations using Hibernate and JPA. Developed end-to-end modules involving user authentication, CRUD operations, and role-based access control.

Java Backend Intern

Phoenix CodeCraft

Feb 2025 - June 2025

India

- Currently developing healthcare claim fraud detection system using Drools rules engine and Spring WebFlux, implementing pattern recognition for policy timing violations and suspicious claim behaviors.
- Implementing multi-tenant user management service with role-based access control and bit-masked hierarchical permissions, ensuring secure data isolation between healthcare providers.
- Working on microservices architecture for healthcare claims processing with Docker containerization and API-first development using OpenAPI specifications
- Implemented an automated Excel-to-CSV conversion pipeline in Spring Boot, with seamless loading into PostgreSQL and integration with Drools for test data execution
- Designed and executed Drools test cases dynamically by storing rules in the database and validating outcomes against structured CSV-based input datasets to ensure rule accuracy.

Java Backend Developer

Bonrix Software Systems

July 2025 – present

India

- Developing AWS Management Software Systems with IoT Core, integrating devices via MQTT publish-subscribe messaging.
- Implemented secured REST APIs with Spring Security JWT for role-based Admin/User panels and personalized device dashboards.
- Enhanced system efficiency with Hibernate/JPA, search pagination, and documented APIs using Swagger.

PROJECTS

Shopping Website | HTML, CSS, JavaScript

Jul 2023 – Sep 2023

- Developed a static e-commerce website showcasing product listings with interactive front-end features.
- Implemented responsive design using HTML, CSS, and JavaScript to enhance user experience across devices.
- Created a client-side shopping cart to simulate product selection and checkout flow.

User Management System | HTML, CSS, JavaScript, JDBC, Servlet, JSP

May 2023 – Jul 2023

- Built a dynamic user management system to add, update, and retrieve user data from a MySQL database.
- Integrated front-end interfaces with back-end services using JSP and Servlets, connected via JDBC.
- Ensured real-time data handling and form validation through JavaScript and server-side logic.

Banking System | Python, Tkinter

Feb 2023 – Apr 2023

- Created a GUI-based banking management application using Python and the Tkinter package.
- Implemented features like account creation, balance inquiry, deposit, and withdrawal with a user-friendly interface.
- Focused on simple navigation, error handling, and core banking operations within a desktop application.

E-Commerce Website | Spring Boot, HTML, CSS, JavaScript, MySQL

Jan 2024 – Mar 2024

- Developed a full-stack e-commerce platform with Spring Boot as the backend and HTML, CSS, and JavaScript on the front end.

- Implemented product listing, user registration/login, cart functionality, and order placement with database integration.
- Ensured secure data handling and smooth navigation through RESTful APIs and responsive design.

AWS Management Software Systems with IoT Core | Spring Boot, Hibernate, JPA, Spring Security, JWT, Swagger, AWS IoT

July 2025 – Aug 2025

- Designed and developed a Spring Boot-based IoT management system integrating AWS IoT Core for real-time device connectivity using publish-subscribe messaging.
- Implemented REST APIs for CRUD operations with structured JSON responses including status, message, and data.
- Built secure authentication and authorization using Spring Security with JWT-based role management for separate Admin and User panels.
- Enabled user-specific device management, ensuring that each user can only view and manage their assigned IoT devices.
- Integrated Hibernate and JPA for database operations with support for efficient searching and pagination in large datasets.
- Developed separate Admin dashboard for device/user management and User panel for personalized IoT device access.
- Documented and tested all APIs with Swagger UI for easy developer collaboration and debugging.

CERTIFICATIONS

Skills Development

AWS cloud service

Object Oriented Programming in Java Specialization Udemy

Java Programming: Solving Problems with Software (with Honors)

TECHNICAL SKILLS

Languages: html,css ,Java, JSON, Agile, OOPS.

Frameworks: jdbc, servlet, JSP, XML, Spring Framework, Spring boot, Drools.

Database and Tools: MySQL, SQL Server, MongoDB, ORM, PostgreSQL,

Developer Tools: GitHub, Visual Studio, IntelliJ, Eclipse, Docker, Gradle, OpenAPI, Microservices