

SAPNA KUMARI

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EDUCATION

Indira Gandhi Delhi Technical University for Women

New Delhi

Master of Computer Application (CGPA: 8.47)

2020 - 2022

DAV College Chandigarh, Panjab University

Chandigarh

Bachelor of Computer Application (CGPA: 8.6)

2017 - 2020

EXPERIENCE

Deutsche Telekom Digital Labs

July 2022 - Oct 2023

Software Engineer

Gurgaon, Haryana

- Designed backend solutions for OneShop, a **multi-tenant e-commerce platform**, and specialized in developing central software solutions for Deutsche Telekom across **10 microservices using Java Spring Boot**.
- Implemented and managed diverse **APIs**, ensuring seamless integration and functionality, leading to a **25% increase in data processing speed** and an **enhanced user experience**.
- Managed the entire backend setup for the cashback feature, **optimizing user transactions** and preferences for over **10 million users** across Europe; resulting in a **30% increase in user engagement** and a **15% boost in customer retention**.
- Streamlined codebase management by implementing **Kibana, Jenkins, and GitLab**; reduced deployment time by **80%** and **improved collaboration** across development teams.

Intouch Consumer Care Solutions Pvt. Ltd

Jan 2022 - June 2022

Web Development Intern

- Actively contributed to **2 distinct projects**, capturing the client's latest requirements and translating them into actionable logic.
- Utilized **Java and Spring Boot** for backend development, **enhancing user experience** by integrating **PHP** and **JavaScript** to develop responsive design elements.
- Improved data retrieval efficiency by **30%** through **MySQL database design and optimization**.

The Sparks Foundation

Feb 2021 - Mar 2021

[GitHub]

Web Development Intern

- Created a **Banking Management System** for **robust and user-friendly** functionality.
- Functionalities:** Homepage → Create User → Make Transaction → Transaction History → Update Users Information.
- Technology Used: PHP, Javascript, HTML, CSS, Bootstrap, MySQL.

PROJECTS

ShoppingCart Reservation System

[GitHub]

|| Java, Spring Boot, Micro-services, Maven, MySql

- Developed a **scalable shopping cart application** using **SpringBoot framework**; Implemented **CRUD and RESTful API** endpoints from scratch to enrich user interaction.
- Integrated **Spring Data JPA** for streamline database operations and utilised **MySQL** for efficient data storage.
- Implemented **secure authentication** with **JWT token generation**, enhancing data protection through robust authorization mechanisms.

ChatBox

[GitHub]

|| Java, Maven, SpringBoot, WebSocket Protocol, HTML/CSS, Javascript

- Designed a **group chat functionality** that accommodates **2 or more members** for collaborative discussions in the real-time chat application developed using **Java, Spring Boot and WebSocket**.
- Created an intuitive and **responsive user interface**, focusing on a seamless user experience.
- The application allows users to engage in **instant communication** by entering their names.

ACHIEVEMENTS

- Secured the top position in the 10th-grade class, recognized and awarded by the Education Department of Chandigarh for outstanding academic excellence.
- Awarded the Academic Prize for achieving the first position in the first year of Bachelor of Computer Application.
- Solved over **500** Questions on **Leetcode** & **Hackerrank**.

SKILLS

Languages: Java, SQL, HTML/CSS, JavaScript, Python

Technologies: Spring Boot, MySQL, Jenkins, Maven, Git, Micro-services, Hibernate, Kibana, Jira, Confluence, MongoDB

Concepts: Object Oriented Programming, Multi-threading, REST API, Data Structures and Algorithms, DBMS, Operating System, SOLID Principles, Agile