

Sahil Dhiman

Java Developer

Faridabad
Haryana, 121001
+91-9871611161
dhimansahil269@gmail.com

EXPERIENCE

CISCO , Networking-Virtual Intern

May 2024 - PRESENT

As a dedicated and proficient Networking Pathways Intern, I bring a solid foundation in networking principles and hands-on experience in designing, implementing, and managing network infrastructures. My background in computer science, coupled with practical experience gained through internships and academic projects, has equipped me with a robust skill set in network administration, troubleshooting, and optimization.

EDUCATION

Prakash Bal Bharti Public School, Faridabad

2019-2021

Completing 10th-87%

Completing 12th-93%

Echelon Institute of Technology, Faridabad — B.Tech

2021-2025

Maintaining-79%

PROJECTS

Jarvis ChatBot

Developed an intelligent chat application named Jarvis using JavaScript, aimed at providing users with a seamless and interactive conversational experience.

- **Core Features:**
 - **Natural Language Processing (NLP):** Integrated NLP capabilities to understand and respond to user queries in a human-like manner.
 - **Real-time Communication:** Implemented WebSocket for real-time, bidirectional communication between the client and server.
 - **Voice Interaction:** Enabled voice commands and responses

SKILLS

Java

Python

Data structures and algorithms

Networking

C language

COURSES

Introduction to Networking - CISCO

Networking Essential - CISCO

Python - Barclay's

Java Programming - Yhills

LANGUAGES

English and Hindi

using the Web Speech API, enhancing user interaction.

- **Technologies Used:**
 - **Frontend:** JavaScript, HTML, CSS, Web Speech API
 - **Libraries/Frameworks:** Socket.io for real-time communication, Passport.js for authentication
- **Achievements:**
 - Enhanced user engagement through responsive and intuitive UI/UX design.
 - Achieved high accuracy in understanding user inputs and generating relevant responses.

Hotel Management System

Personal Project / Academic Project

Developed a comprehensive Hotel Management System using Java to streamline hotel operations, enhance guest experience, and optimize administrative tasks.

- **Core Features:**
 - **Room Booking and Reservations:** Implemented a robust module for booking and managing room reservations, including availability checks, booking confirmations, and cancellations.
 - **Guest Management:** Developed functionalities to manage guest information, check-ins, check-outs, and maintain guest history.
 - **Billing and Invoicing:** Automated the billing process, generating invoices for room charges, additional services, and payments.
 - **User Authentication and Authorization:** Ensured secure access with role-based authentication for admin, staff, and guest users.
- **Technologies Used:**
 - **Frontend:** Java Swing for a user-friendly graphical interface.
 - **Database:** MySQL for storing and managing hotel data.
- **Achievements:**
 - Improved operational efficiency by automating routine tasks and reducing manual errors.
 - Enhanced guest experience through streamlined booking and check-in/check-out processes.
 - Provided valuable insights through analytical reports, aiding in better management decisions.
 - Gained hands-on experience in full-stack Java development and database management.