

NITIN SINGH

Bangalore, India

+91-7814096318 rananitinsingh757@gmail.com [linkedin](#) [github](#)

Education

DAV Institute of Engineering and Technology

Bachelor of Technology in Information Technology

CGPA-7.25/10

August 2020 - June 2024

Jalandhar, Punjab, India

Internship

Mern Stack Development Training

Solitaire Infosystems Pvt. Ltd.

Jan 2024 – Jun 2024

Mohali, India

Java Full Stack Training

JSpider Bangalore

(Jun 2024 – Present)

Bangalore, India

Projects

Team Portal | *Java, Spring Boot, JPA, Hibernate, Maven*

- * Developed a Team Portal web application to manage, observe, and modify student work schedules.
- * Implemented modules such as Student Dashboard, Productivity Dashboard, and Payroll Audit.
- * Designed a Student Dashboard with student-specific logins to view enrolled courses and enquire about new courses.
- * Created an Enquiry Status feature allowing students to see, enroll in, and update courses. Conducted unit testing and debugging to ensure application reliability and performance.

E-HealthCare Management System | *Java, Spring Boot, JPA, Hibernate, Maven, Git*

- * The E-HealthCare Management System is an online appointment booking application for patients. It allows patients to register, search for doctors based on specialization, and request appointment slots.
- * Admin or employees can accept or reject these requests. Doctors can view their appointment slots and patient bookings, update their profiles, and admin can create slots, generate charts, manage doctor certificates, and view appointment data in Excel or PDF format. Patients can cancel appointments, download invoices, and pay through various channels.
- * Roles and Responsibilities: Understanding Stories and Bugs and discussion with team members. Coded all the POJO's required for this system. Involved in designing view pages using Spring MVC. Involved in coding Repository and Services. Worked with Tools like GIT. Participated daily in Scrum meets to discuss different issues in the project.

Facial Recognition and Detection

- Developed an automated Facial Recognition and Detection System using Python, Flask, and OpenCV for real-time attendance tracking. Integrated NumPy, Pandas, and Scikit-learn to enhance recognition accuracy and process over 1,000 user uploads efficiently.
- Technologies used in this Python, Flask, OpenCV, NumPy, Pandas, Scikit-learn.
- The project generally consists of a front-end interface (where users interact) and a back-end (which processes the face detection). The front-end is a web or mobile application that captures images or video, while the back-end handles the processing
- Basic Workflow: The workflow usually starts with capturing an image or video stream, processing it to detect faces, and then analyzing the results. The detected faces can be displayed on the front-end or used for further actions like authentication.

Technical Skills

Language: Java 8, HTML, CSS, JavaScript

Technologies/Frameworks: JDBC, Hibernate, JPA, Servlet, Spring MVC, Spring-Boot, Spring security

Developer Tools/Platforms: Eclipse, VScode, Github

Problem Solving: Data Structures And Algorithms, SDLC, Agile Methodology

Databases: SQL