

Jaykumar Vaghasiya

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Summary

Enthusiastic and detail-oriented Software Developer with practical experience in **Java (Core Java, JSP, Servlets, Spring Boot, Hibernate)**, **MERN Stack**, and **SQL**, along with a solid understanding of **PL/SQL**. Proficient in developing robust **web applications**, managing **databases**, and generating **analytical reports** using **JasperReports**. Hands-on experience includes creating **Hospital Management Systems**, **Expense Management Systems**, and **Online Doctor Platforms**. Adept at solving complex problems with strong expertise in **Data Structures and Algorithms**. Holds the **Oracle Certified Associate, Java SE 8** credential, demonstrating a strong foundation in modern Java development practices.

Technologies

Languages: C, C++, Core JAVA, Python, SQL, PLSQL, JavaScript

Database: MySQL, Oracle, Mongo DB

Technologies & Frameworks: Spring Boot, Hibernate, JSP & Servlets, React.js, Node.js, JDBC, JasperReport

Web Development: HTML, CSS, Bootstrap, Tailwind CSS

Other Skills: OOPs, Data Structure & Algorithms

Education

Gandhinagar Institute of Technology

Jun 2020 – May 2024

BE in Information Technology

- CGPA: 8.09/10.0

Eklavya School of Science

Jul 2017 – Mar 2019

- Percentage: 74

Experience

Software Engineer

Sep 2024 – Current

Shree Infotech

- Worked on **JSP and Servlets** projects at **Shree Infotech**, developing **dynamic web applications**.
- Gained practical experience in **creating interactive web pages** for enhanced user engagement.
- Managed **user sessions** effectively to ensure security and seamless navigation.

Software Engineer Intern

Jan 2024 – May 2024

Arth Infosoft Pvt. Ltd.

- Developed a **Hospital Administration Management Web App** using the **MERN stack**.
- Built and integrated **user, doctor, receptionist, and admin modules**.
- Gained hands-on experience in **MongoDB, Express.js, React.js, and Node.js**.
- Improved knowledge of **RESTful APIs, database management, and authentication mechanisms**.

Projects

Expense Manager

expense-manager ↗

- Developed a **Spring Boot-based Expense Manager** to track and manage financial transactions.
- Implemented **user authentication, login, and sign-up functionalities** using **Spring Security**.
- Integrated **JasperReports** to generate detailed **expense reports** in various formats.
- Utilized **Hibernate and MySQL** for efficient **data storage and retrieval**.
- Visualized expense trends using **Chart.js** for interactive graphical reports.

- **Tools Used:** Spring Boot, Spring MVC, Hibernate, MySQL, JasperReports, Chart.js, Spring Security, REST API, Postman, Git.

Employee Management

emp-management ↗

- Developed a full-stack **Employee Management System** using the **MERN Stack** to manage employee data, roles, and departments efficiently.
- Implemented **CRUD operations** for employee records with real-time updates and secure API communication. Utilized **MongoDB** for efficient **data storage and retrieval**.
- Integrated **JWT authentication** and **bcrypt.js** for secure user login and role-based access control.
- Designed a **responsive frontend** using React.js with **React Router** for seamless navigation and **Axios** for API integration.
- Utilized **MongoDB and Mongoose** for scalable and efficient data handling.
- Tested and debugged APIs using **Postman**, and managed version control through **Git and GitHub**.
- **Tools Used:** React.js, Node.js, Express.js, MongoDB, Mongoose, JWT, bcrypt.js, Axios, Bootstrap/Tailwind CSS, Postman, Git, GitHub, VS Code.
- **Username:** admin@gmail.com
- **Password:** Admin@1234

Hospital Administration System

hospital-admin-system ↗

- Developed a **Hospital Management System** with **user, doctor, receptionist, and admin modules**.
- Built **RESTful APIs** to manage patient records, appointments, and billing.
- Designed a **responsive React.js frontend** with a **MongoDB-based backend**.
- **Tools Used:** MongoDB, Express.js, React.js, Node.js, REST API, Mongoose, Postman, Git.

ATM Management System

atmmanagementsystem ↗

- Developed an **ATM Management System** with secure **cash withdrawal, deposit, and balance inquiry** functionalities.
- Implemented **user authentication using PIN-based verification** for security.
- Designed a **graphical user interface (GUI) using Java Swing** for a seamless user experience.
- Integrated **transaction history and account management features**.
- **Tools Used:** Java, Swing, JDBC, MySQL, OOP Concepts, Git.

Certificates

OCA Java SE 8 : [OCA Certificate Link](#) ↗

Python: [Python Certificate Link](#) ↗

SQL: [SQL Certificate Link](#) ↗

DSA DSA: [DSA Certificate Link](#) ↗