

SHREYA SINHA

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SUMMARY

A creative, detail-oriented Software Developer with expertise in Java, Spring Boot, Hibernate and front-end technologies such as HTML5, CSS3, JavaScript Angular and React.js. Good knowledge in the development of scalable, high-performance web applications, including the creation of high-end user interfaces that are integrated with high-end back-end architectures. Experience in working with RESTful APIs, microservices, and databases such as SQL and MySQL for a seamless user experience.

EDUCATION

Master of Computer Application (Honours), Patna University

Bachelor of Computer Application (Honours), Patliputra University

SKILLS

Web Technologies:	HTML5, CSS3, JavaScript, UI/UX
Frameworks and Libraries:	React.js, Angular, SpringBoot
Programming Languages:	C, C++, Java (Advance)
Development Tools:	Eclipse, VS Code
Data Access & Database:	JDBC, Hibernate, SQL, MySQL, PostgreSQL, MS Office (MS Excel, MS Word, MS Powerpoint)
Soft Skills	Team Collaboration, Adaptability, Time Management, Problem-Solving

PROJECTS

1. HMS(Hospital Management System)

- Designed and developed a Hospital Management System to manage **patient and doctor records**.
- Implemented **patient registration module** to store personal and medical details.
- Created **doctor management module** for handling doctor profiles and availability.
- Developed **appointment booking system** allowing patients to schedule appointments with doctors.
- Implemented **CRUD operations** (Add, View, Update, Delete) for patients and doctors.
- Ensured **proper data validation** during entry to reduce errors.
- Improved efficiency by reducing manual record-keeping.

Technologies Used

- Frontend:** HTML, CSS
- Backend:** Java
- Database:** MySQL
- Tools:** Eclipse

2. EMS(Employee Management System)

- Designed and developed an Employee Management System to manage employee records efficiently.
- Implemented **CRUD operations** (Create, Read, Update, Delete) for employee data.
- Created modules to **add, view, edit, and delete employee details** such as name, designation, department, and contact information.
- Integrated **database connectivity** to store and retrieve employee records.
- Implemented **form validation** to ensure accurate and consistent data entry.
- Designed a **user-friendly interface** for smooth data management.
- Reduced manual record-keeping by digitizing employee information.

Technologies Used

- **Frontend:** React
- **Backend:** Java
- **Database:** MySQL
- **Tools:** VS Code / Eclipse

Link: <https://ems-frontend-xh95.onrender.com>

3. Fast Ride (Cab booking system)

- Designed and developed a **Car Booking System inspired by ride-hailing applications like Ola and Uber.**
- Implemented **user registration and login module.**
- Developed **ride booking functionality** where users can book a cab by entering pickup and drop location.
- Created **driver management module** to handle driver details and availability.
- Implemented **CRUD operations** for users, drivers, and ride details.
- Added **booking status management** (Booked / In Progress / Completed).
- Integrated **database** to store booking history and user information.
- Focused on **user-friendly interface** for smooth booking experience.

Technologies Used

- **Frontend:** React
- **Backend:** Node.js, Express.js
- **Database:** MySQL
- **Tools:** VS Code

Link: <https://quickride01.netlify.app>

Certificates

- Web development internship completion certificate from Codec Technologies.
- Cyber Security and Ethical Hacking bootcamp certificate from CDAC NILET
- Cyber Security internship completion certificate from CDAC
- IIT Mumbai Java Certificates
- IIT Mumbai HTML Certificates
- IIT Mumbai C, C++ advance Certificate

Interest

- Researching new technologies
- Visiting new places
- AI Tools like ChatGpt, Copilot, Gemini, etc

Declaration

I hearby declare that the above information is true to the best of my knowledge.

