

# SHYAM KUMAR CHADHA

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## EXPERIENCE

### Graduate Consultant : ThoughtWorks

Jan 2025

- **Accomplishments:** Build REST API's using SpringBoot and integrating it with react.js and SQL.
- **Technologies:** SpringBoot, Java, React, SQL

### Software Development Engineer 1(SDE-1) : Busy Infotech

July 2024- Dec 2024

- **Accomplishments:** Implemented a three-layer architecture (presentation, business logic, and data layers) to enhance working of the application and successfully delivered two verticals in two different products in the span of six months.
- **Technologies:** Vb.Net, Vb6, MySQL, MS Access
- **Achievements:**
  - Designed and managed complex data structures in MS Access and SQL databases.
  - Wrote optimized SQL queries to improve data management.
  - Ensured data integrity and system performance through database indexing and query optimization techniques.
  - Enhanced system functionality by optimizing database interactions between front-end applications and back-end
  - Designed frontend forms, ensuring a user-friendly interface for data input and interaction.

### Software Development Engineer Intern: Busy Infotech

Feb 2024 - June 2024

- **Achievements:**
  - Gained comprehensive knowledge of the project codebase by analyzing, understanding, and navigating existing modules effectively.
  - Developed key features to enhance project functionality while meeting business requirements.
  - Optimized existing codebase and resolved bugs, improving overall system performance and reliability.

## PROJECTS

### Bharat Rakt Seva

- **Technologies:** Node.js, EJS, Express.js, MongoDB
- **Achievements:**
  - Constructed a full-stack platform connecting donors with receivers using Node.js for backend development.
  - Designed and programmed the frontend with EJS to ensure a responsive user interface.
  - Utilized MongoDB for seamless database management.
  - Designed and engineered user-friendly forms for donations and requests.
  - Engineered adaptive layouts that enhanced user experience across 5 device types, leading to a significant reduction in bounce rates and improving session duration by an average of 2 minutes per visit.
  - Specialized in optimizing database queries for speed and efficiency.

### RWA Management

- **Technologies:** Java Swing, MySQL
- **Achievements:**
  - Built a full-stack user management system using Java Swing and Eclipse IDE.
  - Engineered database integration with MySQL to manage residents, staff, and committee members.
  - Designed and constructed user-friendly interfaces for data entry and display.
  - Programmed functionalities for adding, viewing, deleting and updating member records.
  - Utilized efficient data structures to ensure fast data retrieval.
  - Maintained and upgraded system features for improved performance.

### FirstCare

- **Technologies:** Node.js, EJS, Express.js, MongoDB
- **Achievements:**
  - Utilized Passport.js for secure user authentication.
  - Developed user-friendly product listings and streamlined shopping cart functionalities.
  - Adapted responsive layouts for diverse devices.
  - Fortified security measures and rectified bugs to improve system stability

## SKILLS

- **Programming Languages:** JavaScript, Java, Vb6, Vb.Net
- **Frameworks:** .Net Framework, Java Swing, Passport.js, Express.js
- **Databases:** MySQL, MS Access, MongoDB
- **Tools and Technologies:** Git & GitHub, Postman, REST API, EJS

## EDUCATION

### Jagan Institute of Management Studies

Masters of Computer Application

CGPA- 8.82

### Bharati Vidyapeeth Institute Of Management & Research

Bachelor of Computer Applications

CGPA- 9.40