

# SHUBHAM KUMAR

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## EDUCATION

**JSS Academy Of Tecnical Education**  
*B.E in Information Science and Engineering*

**Dec 2022 – present**  
*Bangalore*

**BR DAV Public School, Begusarai**  
*Senior Secondary(XII)*

**Apr 2020 – april 2022**  
*Bihar*

**D.A.V Public School,Begusarai**  
*Secondary(X)*

**Apr 2009 – May 2020**  
*Bihar*

## PROJECTS

### Robust and Fault tolerant payment retry mechanism for secure transaction management -

- **React.js,Node.js,Tailwind,Phonepe API,JavaScript**
- Developed a secure and fault-tolerant payment processing system capable of handling real-time transactions via multiple payment methods including QR scanning, UPI, Net Banking, and Debit/Credit cards.
- Implemented an intelligent retry mechanism to ensure transaction success in case of network failures or payment gateway timeouts, maintaining data consistency and preventing double charges.

### E-Commerce Product Management Website

- **React.js, JavaScript, Tailwind CSS, Vite, Local Storage**
- Built a responsive and interactive website for managing products with features like add, edit, update, and delete.
- Integrated category-based product filtering and a wishlist feature for enhanced user experience.
- Utilized Local Storage for persistent data handling without backend dependency.
- Optimized performance and development workflow using Vite and Tailwind CSS for clean, responsive UI.

### AI-Powered Recipe Explorer – W

- **React.js, Tailwind CSS, JavaScript, MealDB API, AI Search**
- Developed a dynamic recipe website integrating the MealDB API for real-time meal data.
- Implemented AI-powered search functionality to enhance user experience with intelligent recipe discovery.
- Built an intuitive UI using Tailwind CSS, featuring filters, search by ingredients, and category-wise browsing.
- Designed for mobile responsiveness and optimized performance using Vite.

### E-Waste Solutions – W

- \* **React.js, Tailwind CSS, JavaScript, AI Integration**
- \* Built a responsive website for responsible e-waste management with features to locate recycling facilities and schedule pickups.
- \* Integrated an AI-powered assistant for FAQs and dynamic sections for news, articles, and educational resources.

## TECHNICAL SKILLS

**Languages:** JavaScript, SQL,JAVA

**Technologies/Frameworks:** HTML5, CSS3, ReactJS,React Native, Django,RestFramework API,JWT Authentication, TailWind, Chakra UI,Bootstrap,Tableau,power BI

**Developer Tools:** VS Code, intellij idea

## Certifications / Courses

- Data Structures Algorithms – Infosys (Onwingspan), Aug 2024
- Artificial Intelligence Machine Learning – Infosys (Onwingspan), Dec 2024
- Networking Basics – Cisco Networking Academy, Dec 2024 Learned core concepts of networking including IP addressing, protocols, and device communication.
- Hands-on Workshop on Cisco Packet Tracer – JSS Academy of Technical Education, Dec 2024 Learned network simulation, configuration, and troubleshooting using Cisco tools.