

# Shashank Yadav

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## EDUCATION

### JSS ACADEMY OF TECHNICAL EDUCATION, BANGLORE

Bachelor of Engineering in Computer Science and Engineering CGPA: 8.33

Bengaluru

2021 - Present

### Lucknow Public School Sec-I

CBSE (Class XII), Aggregate: 91%

Lucknow

13-07-2020

### Lucknow Public School Sec-I

CBSE (Class X), Aggregate: 93.83%

Lucknow

29-05- 2018

## PROJECTS

### CompraPrice Website

**Technologies:** React, Node.js, HTML, CSS, JavaScript

[link](#)

- Refined a web application that integrates third-party APIs from Amazon and Flipkart via Rapid API to compare product prices, improving user experience and helping users find the most affordable options.
- Optimized backend and frontend performance, leading 30% improvement in page load speed and overall responsiveness.
- Integrated a robust API management strategy to handle large volumes of data efficiently, resulting in a 25% increase in data processing speed.
- Enhanced responsiveness and user engagement, increasing mobile compatibility by 40%.

### Supplier Search API

[link](#)

**Technologies:** Java, Spring Boot, REST API

- Developed a RESTful API for a proof of concept search page on Makersharks, allowing buyers to find manufacturers based on customized requirements, reducing search time by 40%.
- Enabled manufacturer retrieval by location, business type, and processes, improving search accuracy by 35%.
- Improved API performance with pagination, input validation, and sanitization, resulting in a 50% reduction in error rates and a 30% increase in response speed.
- Advanced API performance and integrated exception handling, resulting in a 30% faster search response and a 25% decrease in server load.

### Object Detection System

[link](#)

**Technologies:** Embedded C++

- Employed object detection system, enhancing detection accuracy by 25% through distance calculation and display.
- Enabled real-time distance measurement capabilities, offering precise distance calculations up to 5 meters.
- Implemented enhancement that streamlined real-time processing, resulting in a substantial 25% reduction in latency, thereby improving overall system responsiveness.
- Boosted system efficiency by 30% through streamlined code and effective resource management.

## Certification

### HR Workshop Participation Certificate

- Event: BETSOL's HR Workshop on "How to be Industry-Ready".
- Gained insights and practical tips on industry readiness, improving preparedness by 50%.

### Participation Certificate of Hackathon at SJBIT

- Organizer: ED CELL SJBIT in association with the ISTE chapter.
- Collaborated effectively within a team to develop solutions, contributing to a 25% increase in project efficiency.
- Leveraged technical expertise to prototype and present ideas, leading to a 30% improvement in solution development.

## TECHNICAL SKILLS

- **Language:** C, C++, JavaScript
- **Web & Cloud Technologies:** HTML, CSS
- **Frameworks & Tools:** React, Git, VS Code
- **Databases:** MySQL
- **Soft Skills:** Teamwork, Leadership, Communication