


YUGAL KAUSHIK

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 New Delhi, India

 [Portfolio](#)

 [LeetCode](#)

 [GitHub](#)

EDUCATION

Shree Guru Gobind Singh Tricentenary University

Gurugram, India

B.Tech in Computer Science and Engineering

2022 - 2026

Course Work: Operating System, Computer Networks, Database Management System, Artificial Intelligence and Machine Learning, Design and Analysis of Algorithms, Object Oriented Programming, Software Engineering

EXPERIENCE

Project Developer - Buildspace (Summer 2024)

- Participated in Night & Weekends S5 at Buildspace.
- Developed an Personalized News Feed applications.
- Completed the entire project within a 4-week timeframe, demonstrating strong project management and execution skills.

PROJECTS

Sparkle: E-commerce | ReactJS, NodeJS, MongoDB | [GitHub](#)

[@live](#)

- Optimized image assets and implemented lazy loading to decrease load times by 18%.
- Enhanced front-end performance through code-splitting and efficient resource management.
- Implemented server-side caching strategies, reducing database query times and improving backend response speed.
- Secured the application using JWT authentication and dotenv for handling environment variables.

Nova: Website Suggestion Chatbot | Tensorflow, NodeJS, ReactJS | [GitHub](#)

[@live](#)

- Decreased response times by 22% through optimized TensorFlow model loading and asynchronous processing.
- Improved recommendation accuracy by refining data preprocessing and enhancing the training pipeline.
- Enhanced user experience by reducing frontend load times and optimizing ReactJS components.
- Increased backend throughput by implementing efficient data fetching and reducing server bottlenecks.

DataExtractAI | Python | [GitHub](#)

- Developed an AI-powered image processing application that scans images containing measurements such as weight, height, and other metrics, and extracts relevant data.
- Implemented OCR (Optical Character Recognition) to accurately identify and extract textual data from images, including dimensions, weights, and other handwritten or printed information.
- Designed an automated pipeline that processes images and returns extracted information in a structured CSV format for easy analysis and reporting.

Student-Management System | C++ | [GitHub](#)

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SKILLS

Programming Languages: C++, JavaScript, Python

Web: HTML5, CSS, NodeJS, ExpressJS, ReactJS, Tailwindcss, JWT, dotenv

Database: MySQL, MongoDB

Version Control & Tools: Git & GitHub, Postman, Jira, Docker

Soft Skills: Communication Skills, Problem-solving, Teamwork and Collaboration, Time Management

CERTIFICATIONS

JP Morgan Chase & Co. : [Software Engineering](#)

Geekster Certifications: [MySQL](#), [JavaScript](#)

POSITION OF RESPONSIBILITY

- **Sub Coordinator** at University Code Club
- **Student Mentor** for freshman student