

KESHAV KABRA

Software Engineer

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EDUCATION

Senior Secondary Education (CBSE 12th) | PCM+C.S.
D.A.V Public School

Graduated in July 2021

Bachelor of Technology (B.Tech.) | Artificial Intelligence and Machine Learning (AI-ML)
Vivekananda Institute of Professional Studies (GGSIPU)

-Ongoing (2022-26)

SKILLS & TECHNICAL TOOLS

Languages: Python, C++, HTML, CSS, JavaScript, SQL, Bootstrap, Flexbox, node.js, react.js

CS Fundamentals: Data Structures & Algorithm (DSA), OOPS, DBMS, Computer Networks

Technical Stack: Pandas, NumPy, Scikit learn, Matplotlib, Seaborn, MySQL, PostgreSQL, MongoDB

Machine Learning: Supervised, Unsupervised, Predictive Modeling, Statistics, Exploratory Data Analysis (EDA), Data Cleaning, Data Visualization, Model Deployment, NLP for machine learning.

Generative AI & LLMs: Large Language Models (LLMs), Prompt Engineering, Graph RAG (Retrieval-Augmented Generation), RAG Pipelines, OpenAI API.

CERTIFICATIONS & TRAINING

Cyber Security & Ethical Hacking @ CRAW Security

June 2025 – July 2025

- Underwent training in Cyber Security, including ethical hacking, malware analysis, and network security tools.
- Explored use of Wireshark, Burp Suite, and Kali Linux for penetration testing simulations.
- Studied methods to secure web applications and data systems against vulnerabilities.

PROJECTS

Portfolio

[Live Site](#) | [Github](#)

- Developed a dynamic and responsive portfolio website using HTML, CSS, and JavaScript to highlight my education, skills, projects, and research papers. Integrated advanced interactivity, animations, and user-centric features to enhance the overall browsing experience and engagement.

Wikipedia Search Application

[Live Site](#)

- Technologies used : HTML, CSS, JS, REST API Calls, Bootstrap
- Unlock the vast wealth of knowledge on Wikipedia with a custom search application that delivers relevant and curated results. Quick and easy access to information has never been easier.
- Beautifully presented search results with HTML list elements, styled with CSS, Bootstrap, and a responsive design that adapts to any device.
- Seamlessly access information with the power of asynchronous fetch GET HTTP API calls and the ability to open the desired result in a new tab for further reading.

AI-Powered Multi-Platform E-commerce Price Comparison Engine

Duration: In Progress (Started [August 2025])

Actively developing advanced AI-driven platform leveraging Google Gemini for intelligent product analysis and cross-platform price comparison across major e-commerce sites.

- Tech Stack: Python, FastAPI, React, Google Gemini AI, Selenium, BeautifulSoup, Bootstrap
- Successfully integrated Google Gemini AI achieving 95% accuracy in product keyword extraction and cross-platform matching using advanced NLP techniques
- Currently engineering real-time async data processing pipeline handling 1000+ product variations with intelligent retry mechanisms and fallback strategies
- Developing machine learning-based product similarity scoring algorithm with confidence metrics for precise duplicate detection across platforms
- Building production-grade full-stack solution with React frontend and FastAPI backend, supporting concurrent multi-platform analysis with sub-15 second response times