

# Kunal Singhal

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## INTRODUCTION

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Motivated B.Tech Computer Science student specializing in Artificial Intelligence, Machine Learning, and MERN Stack development. I am skilled in full-stack web development and AI-driven solutions. I have a strong commitment to innovation and ongoing learning.

## EDUCATION

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- **GLA University Mathura** Mathura, Uttar Pradesh  
B.Tech in Computer Science (AIML and IoT) Expected May 2027
- **Shivalik Cambridge College** Agra, Uttar Pradesh  
Higher Secondary Education Completed 2022

## PROJECTS

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- **AI Based Exam Evaluation System**  
Built an automated exam evaluation system using NLP and ML for descriptive and Objective based answers. (Skills: Python, NLP, Scikit-learn, Flask, SQL).
- **E-commerce Recommendation System**  
Developed a personalized product recommendation engine using Collaborative & Content-Based Filtering. (Skills: Python, NLP, Pandas, NumPy, Scikit-learn, Flask, SQL).
- **Water Management System (IoT)**  
Built an IoT-based system to monitor and manage water usage using sensors.

## TECHNICAL SKILLS

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- **Programming Languages:** Java, Python, SQL, HTML/CSS, JavaScript.
- **Frameworks and Libraries:** Node.js, React
- **Databases:** SQL, MongoDB
- **IoT and Hardware:** Arduino UNO, Raspberry Pi (basic usage and interfacing), ESP8266, ESP32 development boards
- **Tools and Others:** Git, NumPy, Pandas (basic data handling)

## CERTIFICATIONS

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|---|-----------------------------|---------------|
| • <b>W3Grads</b>                          | Machine Learning with GenAI | July 2025     |
| • <b>Simplilearn SkillUp</b>              | Power BI for Beginners      | December 2024 |
| • <b>ThingQbator – Nasscom Foundation</b> | HTML & CSS                  | Nov 2024      |
| • <b>Skillcred Micro Internship</b>       | Internship Completion       | July 2024     |

## LANGUAGES

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- Hindi
- English