

# Muskan Agrawal

Full Stack Developer

Bachelor of Technology

Lovely Professional University, Punjab

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🐙 GitHub Profile

🌐 LinkedIn Profile 🌐 Portfolio

## SUMMARY

- Full-stack developer proficient in C++, JavaScript, React, Node.js, Express, and MongoDB, with 3+ full-stack projects including AI-powered platforms and dynamic web apps. Skilled in optimizing performance and improving user experience, with a strong drive to learn, grow, and explore new technologies.

## EDUCATION

- B.tech (Bachelor of Technology) from Lovely Professional University** *August 2023 - July 2027*  
*In Computer Science Engineering (9.19 CGPA)* Phagwara, Punjab
- Higher Secondary from Lucknow Public School and Colleges** *March 2021 - June 2023*  
*Higher Secondary Certificate - CBSE (93.4 %)* Lucknow, Uttar Pradesh
- Secondary School from Jesus and Mary School and College** *March 2019 - June 2021*  
*Secondary School Certificate - ICSE (92.8 %)* Balrampur, Uttar Pradesh

## EXPERIENCE

- Ujjwala Global Academy** *May 2025 - July 2025*  
*Full Stack Developer Intern*
  - School Website
  - Built and deployed Ujjwala Global Academy's website from scratch, creating 5+ core sections (About, Contact, Events, Gallery, Admissions) and reducing manual information requests by 40%.
  - Integrated AI-powered Q&A chatbot and dynamic Fun Fact generator using Gemini API to enhance engagement.
  - Collaborated with design team and school authorities to deliver a 100% responsive, accessible, and SEO-optimized platform.

## PROJECTS

- Group Study Buddy Platform** *July 2025 - Present*  
*Express.js, Node.js, MongoDB, node-cron*
  - Developed a real-time study collaboration platform with REST APIs in Express.js that recommends study partners based on user profiles using scheduled cron jobs.
  - Enabled secure user authentication and one-to-one chat with material sharing using Stream services.
- DevTimeCapsule – AI Developer Journal Chrome Extension** *July 2025 - July 2025*  
*JavaScript, Chrome APIs, Gemini API, Web Extension APIs*
  - Programmed a Chrome extension that tracked daily developer activity (tabs, code, questions) with 95% accuracy.
  - Integrated Gemini API to generate AI-based learning journals, improving user reflection time by 60%.
- Customer Feedback Analyzer** *March 2025 - April 2025*  
*Node.js, Express.js, MongoDB, Chart.js, HuggingFace API*
  - Engineered a sentiment classification mechanism using Hugging Face API and REST APIs, achieving 92% classification accuracy on test feedback.
  - Visualized 50+ feedback entries via interactive pie charts to support data-driven decisions.
- Museum Booking Chatbot System** *March 2025 - April 2025*  
*PHP, MySQL, JavaScript, PHPMailer*
  - Constructed chatbot-based ticket booking system with secure login, payment integration, and 3 booking flows, tested in 10+ scenarios.
  - Automated email confirmations and digital receipts using PHPMailer, reducing manual email handling by 100%.

## CERTIFICATIONS

- The Frontend Developer Career Path:** Scrimba
- The AI Engineer Path:** Scrimba
- NPTEL Cloud Computing :** NPTEL
- Intermediate Problem Solving :** HackerRank
- The Bits and Bytes of Computer Networking:** Google
- Introduction to Hardware and Operating Systems:** IBM
- Responsive Web Design:** freeCodeCamp

## TECHNICAL SKILLS

- Languages:** JavaScript, C++, SQL, PHP
- Libraries and Frameworks:** React, Node.js, Express, Tailwind CSS
- Databases:** MySQL, MongoDB
- Core Concepts:** Data Structures and Algorithms, Operating Systems, Computer Networks, DBMS, Software Engineering, REST APIs
- Technologies:** Generative AI, Large Language Models (LLMs)
- Tools and Platforms:** VS Code, Postman, Git, GitHub

## ACHIEVEMENTS

- Active LeetCode user with 1,500+ contest rating and 300+ DSA problems solved.
- Contributed to multiple full stack open-source GitHub projects ;PR successfully merged.
- Proactive contributor in GirlScript Summer of Code 2025.