

AYESHA KHURANA

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Education

Graphic Era Deemed to be University, Dehradun

2023 - 2027

B.Tech, Computer Science & Engineering with specialization Artificial Intelligence and Data Science

CGPA: 9.21/10

Work Experience

Technology Business Incubator(TBI) GEU

November 2024 – Present

Software Development Intern

Remote

- Developed and debugged 15+ software modules, enabling the successful launch of 3 applications that enhanced user engagement by reducing response times.
- Designed scalable backend systems and secure APIs while implementing intuitive user interfaces and robust database solutions.
- **LANGUAGES MASTERED:** C++,HTML,CSS,JS
- **BASICS LEARNED:** NodeJS, MongoDB, MySQL

Girl Script Summer of Code

October 2024 – November 2024

Open Source Contributor

Remote

- Collaborated on open-source projects, resolving critical bugs to improve stability and performance.
- Enhanced project functionalities using the MERN stack.

CodeAlpha

October 2024 – November 2024

C++ Programming Intern

Remote

- Developed a file manager as well as game projects such as number guessing game.
- Optimized code performance for speed and memory usage while leveraging system-level programming for low-level operations.

Projects

ExpensePro: AI-Driven Personal Finance Optimisation Platform

[Source Code](#)

- **Seamlessly integrates financial data:** Aggregated financial data into an interactive dashboard for seamless visualization across accounts. Developing AI chatbot for assistance.
- **Technologies:** HTML,CSS,JS, React.js,Node.js MongoDB

AI ChatBot using C++

[Source Code](#)

- **Sentiment Analysis:**Analyzes the sentiment of user input using basic keyword matching. Returns "positive," "negative," or "neutral" sentiment.
- **Question Handling:**Responds to predefined questions like "How are you?" and "What is your name?"

Slot Machine Game

[Source Code](#)

- **Reels and Spinning:** A slot machine game with spinning reels, randomized outcomes, symbol matching logic, betting system, customizable payouts, and player balance tracking.
- Players win when the symbols on the reels align in specific patterns, such as matching all symbols or forming predefined combinations.

Technical Skills

Languages:C, C++

Frameworks: HTML, CSS, Bootstrap,JS

Developer Tools: Postman, VS Code, Git,GitHub,Gemini API

Databases/Cloud:MySQL, MongoDB

Certifications

- Solved **100+ DSA** questions on Leetcode
- **Meta Certified** Front-end Master
- **Postman API Fundamentals Student Expert**
- **AWS Certified** Cloud Practitioner on AWS cloud