CHETAN AGGARWAL

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Education

Thapar University - Patiala   **2021 − 2025**
BTech, Computer Science and Engineering   *CGPA: 9.13*

Relevant Coursework

- Data Structures and Algorithms
- Operating Systems
- Software Engineering
- Algorithms Design and Analysis
- Database Management
- Network Programming
- Computer Networks
- Cloud Computing

Experience

Tech Mahindra   **Summer 2023**
Android Development Intern
- Implemented **Agile** methodology **to increase team efficiency by 30%** resulting in faster delivery of software development projects.
- Developed and implemented **an inline action widget** to enhance the action completion rate.
- Implemented Agile project management methodology resulting in a 20% increase in team productivity and timely delivery of projects.

Projects

Real Time Earthquake Prediction |*Machine Learning, Python, Predictive modelling* | *Github*   **Nov 2023**
- Earthquake Prediction for the next 7 days forecast seismic events in high-risk countries with the help of real-time dataset provided by US Govt.
- Programmed in Python and models used are Decision Trees, Random Forest and XGBOOST.

Sunrise Sundown Clone | *HTML, CSS, JavaScript* | *Demo*   **Jan'24 - Present**
- Developed a clone website which uses modern JavaScript frameworks such as **Swiper, Parallax** and **Locomotive.**

Mira Chatbot | *Frontend, DialogFlow, Python, SQL*| *Github*   **Aug 2023**
- Your food court's revenue-boosting companion!
- An essential tool for petty food courts, streamlining operations and enhancing customer satisfaction for increased revenue.

NavShishu | *Frontend, Tailwind* | *Github*   **Jan 2023**
- NavShishu is your platform connecting aspiring parents unable to conceive with selfless women ready to embark on the incredible journey of surrogacy.
- Our site bridges the gap, enabling couples to find dedicated surrogate mothers who offer the invaluable gift of parenthood.

Magma Clone | *HTML, CSS, JavaScript* | *Demo*   **Aug 2022**
- Developed a clone website which uses frameworks such as **CANVA, GSAP** and **Locomotive.**

Mini Projects:
1. Tic Tac Toe Game   2. Drum Kit   3. Golf Club Clone   4. Dice Game   5. Simon Game

Technical Skills

Languages: C++, JavaScript, SQL, MYSQL, RDBMS, R.
Expertise Area: Data Structures and Algorithm, Object-Oriented Programming (OOPs), Front-end Web Development, Data Science, NLP.
Tools/Technologies: AWS, HTML, CSS, React, PyCharm, IntelliJ, AZURE, Canva, Git, GitHub.

Awards and Achievements

- Hackathon Winner at Thapar.
- 600+ DSA Questions solved in leetcode and gfg.
- Participated in gfg contest and achieved global 7477 rank.
- State level basketball player.