

# Ashish Mandal

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Dedicated and detail-oriented Cloud Engineering student with a passion for applying theoretical knowledge to practical, real-world problems. A quick learner, adept at collaborating with interdisciplinary teams, and equipped with strong analytical and problem-solving skills. Highly motivated, adaptable, and focused on delivering clean, efficient, and reliable solutions.

## SKILLS SUMMARY

- **Languages:** C/C++(Data Structures and Algorithms), JavaScript,
- **Computer Science:** Data Structures, Algorithms, OOP, Operating Systems, DBMS
- **Frameworks:** HTML and CSS
- **Tools/Platforms:** Microsoft Azure, AWS Amazon, MySQL, MongoDB
- **Soft Skills:** Collaborating, Leadership, Problem-Solving Skills, Project Management, Self Adaptability

## PROJECTS

### Games – Tic-tac-toe

Apr23 2024

- Developed a Tic-Tac-Toe game with stylish design and user-friendly interface.
- Applied minimalistic design with color scheme, stylish fonts, and subtle effects for a modern look.
- Developed multiple games using Blender and Unity Hub, combining functionality with a modern look

### Heart Disease prediction System (Group Project)

Apr5 2025

- Built a heart disease prediction system using machine learning algorithms such as Decision Tree, Random Forest, SVM, KNN, and Naive Bayes.
- Developed and evaluated a novel hybrid model, Best Clasico, which outperformed individual algorithms in prediction accuracy.
- Designed the system to analyze patient health data and deliver reliable, data-driven predictions for early heart disease detection.

## CERTIFICATIONS

- Software Development Processes and Methodologies (University Of Minnesota) | April 18 2024
- The Bits and Bytes of Computer Networking(Coursera) | April 24 2024
- Data Structure And Algorithm (CiperSchools) | 16 July, 2023
- AZ-500 Certificate(Microsoft) | 5 April, 2025

## EXTRACURRICULAR ACTIVITIES

- Member of NGO *Jan Sahayogi Yuwa Club*, Birgunj, Nepal – contributed to community service and social awareness initiatives since September 2021.
- Represented college cricket and football teams; developed teamwork, leadership, and collaboration skills.
- Practiced stock trading; gained skills in analysis, decision-making, and risk management.

## EDUCATION

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering;* Since October 2021  
**Favorite Courses:** Cloud Computing, Artificial Intelligence, Data Structures, Operating System
- **National Infotech** Birgunj, Nepal  
*Intermediate; Percentage: 82.25%* April 2019 - March 2021  
**Favorite Courses:** Mathematics, Computer Science

