

# Aryan Raval

✉ aryanraval4014@gmail.com

☎ 6054847833

📍 Rapid City, South Dakota

🌐 [www.linkedin.com/in/aryanraval](https://www.linkedin.com/in/aryanraval)

🔗 <https://github.com/aryan21x>

## Education

2022/08 – 2026/05  
Rapid City,  
United States

**Bachelor of Computer Science**  
South Dakota School of Mines and Technology  
GPA: 3.92/4.00  
Expected Graduation May 2026

## Experience

2023/08 – 2024/05  
Rapid City,  
United States

**Front Desk Assistant**  
South Dakota School of Mines  
• Assisting students with inquiries  
• Handling package logistics  
• Development in communication skills

## Projects

### Recruiting Website (C#,ASP.net core)

A team project that developed a website based on the MVC ASP.NET Core framework that facilitates recruiters in browsing a list of students for potential recruitment. The website allows recruiters to perform CRUD, sort, and filter operations on the students. The website uses the Bootstrap framework for its design.

### PetAdoption Website (Python, Django)

Pet adoption website made by a team of two, powered by Django framework which is integrated with MySQL Workbench for handling the database operations. It has six interconnected tables for Pets, Shelters, Workers, Vets, Adopters, and Businesses. Admins can perform CRUD, sort, and filter operations on each of these tables.

### Portfolio Website(HTML,CSS, JAVASCRIPT)

<https://aryan21x.github.io/Portfolio-Website/>

I've created a website that highlights my projects, experience, and skills. It is constantly updating as I evolve and gain more skills and experiences. It contains a link to my resume and contact information. The website is hosted on GitHub.

### Image Editor (C++)

Developed image manipulation program in C++ for processing PPM images with dynamic memory allocation, offering user-friendly options including X-axis and Y-axis flips, clockwise and counter-clockwise rotations, and sepia and grayscale conversions. Provided user flexibility to choose between binary and ASCII output formats for manipulated images.

### The knight's Tour (C++)

Designed and implemented a recursive brute-force algorithm in C++ to solve the Knight's Tour problem on an  $n \times n$  chessboard, with 'n' provided by user input.

Developed a program that guides a knight to visit every square on the chessboard exactly once, and outputs a complete solution on the screen.

## Skills

C++ | C | Python | SQL | HTML | CSS | Javascript | C# | Arm Assembly

## Apps and Frameworks

ASP.net | Django | React | Node.js | Rstudio | Visual Studio | MySQL | CLion | Latex | Git