

AMRITRAJ SINGH DHILLON

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9226 Lincoln Drive, Northfield, OHIO - 44067

SKILLS

Front-End Technologies: HTML, CSS, JavaScript, JSON, React.js

Back-End Technologies & Framework: Java, Python, C, C, Spring Boot, Django, RESTAPI

Databases: MySQL, MongoDB, PostgreSQL, AWS

Tools & IDE: Git, Github, Docker, Visual Studio, IntelliJ

EDUCATION

Cleveland State University – Cleveland, OHIO

Sep 2022 - Dec 2024

Bachelor's Degree in Computer Science — Minor in Mathematics

- Implemented web project, including a responsive Banking site.
- Gained proficiency in Front-End, Back-End Languages, Databases, and Debugging.

Cuyahoga Community College – Cuyahoga, OHIO

Jan 2019 - Aug 2022

Associate of Science

- Specialization in Web Technologies.

TECHNICAL EXPERIENCE

Personal Portfolio Website – <https://amrit478.github.io/portfolio/>

Fall 2023

Web Developer

- Created a professional website to showcase personal information and coding skills, initially developed using HTML and CSS.
- Currently updating and improving the website using React to enhance interactivity and user experience.
- Demonstrated expertise in front-end web development, applying best practices in responsive design and website optimization.

Nasa Psyche VR, University of Cleveland – Cleveland, OH

Aug 2023 – May 2024

Researcher under Prof. Jinguru Jhang

- Implemented a C "Walking" function for a robot, allowing it to travel across difficult terrain.
- Developed a "Stone Picking" function using a complex algorithm in C to enable efficient recognition and collection of stones.
- Created an "Analysis Samples" function in C to gather and examine samples sent by rovers for scientific research.

Banking System, University of Cleveland – Cleveland, OH

Aug 2024 – Dec 2024

- Implemented a full-stack banking application with functional front-end and back-end components.
- Demonstrated expertise in React, Spring Boot, and MySQL through the development of a comprehensive banking system.
- Designed a scalable application architecture to support future growth.
- Improved user experience through rigorous testing and debugging.