

# Brahmbir Singh

## Introduction

Detail-oriented and highly motivated junior software engineer with a strong foundation in computer science and programming, seeking to leverage my technical skills and passion for problem-solving to contribute to the innovative software solution.

## Contact

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## Education

### GURU NANAK DEV UNIVERSITY

BTech, Computer Science and Engineering (**7.43 CGPA**)  
2025

### KHALSA COLLEGE PUBLIC SCHOOL

High school diploma (**76 %**)  
2021

## Skills

Data Structures & Algorithms  
Amazon Web Services (EC2, S3)  
Project management  
Rest API and GRPC  
Version Control (Git)  
Database Design  
Software Testing

## Knowledge

JavaScript, React  
MySQL (PostgreSQL, Oracle)  
Java  
C / C++  
Python  
Vscode  
Docker container  
Blender software  
Unreal & Godot Game engine

## Projects

### MY PORTFOLIO

Developer

**Technologies:** Next.js, React.js, FramerMoiton.js, Xata, Prisma  
**Description:** Discover a mesmerizing portfolio created with Next.js, React.js, and Framer Motion.js. This dynamic showcase boasts lightning-fast load times and seamless user interaction.

### GEDIT GRAPH\_EDITOR.

Developer

**Technologies:** React.js, Typescript, OOPs  
**Description:** "GEDIT" is a Graph Editor project aimed at simplifying graph data structuring. It enables seamless creation, manipulation, and visualization of graphs.

### WAVESET WAVE FUNCTION COLLAPSE

Developer

**Technologies:** React.js, HTML, CSS-Modules, JavaScript  
**Description:** WAVESET is a React-based project that leverages Wave Function Collapse (algorithm for procedural generation) to dynamically generate captivating patterns for a versatile tile set.

## Activities

**Core Team Member**, Google Developer Student Club (2023 – 24)

Hosted and assisted in Bootcamp on Web Development.

Assisted in organizing Events in **Polaris** (Annual Fest, GNDU)

Design website for GDSC-GNDU.

## Extra-Curricular Activity

Interest in Game Design and Development, Participated in Various Game Jams

Attended a webinar on "Introduction to Arduino"