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**"