

Brahmbir Singh

Junior Software Developer

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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[Github/Brahmbir](https://github.com/Brahmbir)

Education

GURU NANAK DEV UNIVERSITY

BTech, Computer Science and Engineering
2025

KHALSA COLLEGE PUBLIC SCHOOL

High school diploma
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

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

"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

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"