

Josh Dhudwal

Software Engineer

Motivated software engineering graduate with a passion for creating innovative software solutions. Proficient in web development using JavaScript, React, Node.js, and database management systems. Strong problem-solving skills and meticulous attention to detail. Thrives in collaborative environments, actively exchanging ideas and leveraging collective knowledge for exceptional outcomes. Effective communicator and collaborator, driving innovation and contributing to dynamic teams to deliver impactful software solutions.

Contact

Address
Fremont, CA 94555

Phone
5103581160

E-mail
joshd510@gmail.com

Skills

Python / Java / C++ /
JavaScript
React
Teamwork and
Collaboration
Adaptability
SQL

Education

2020-09 - 2022-12

Bachelor of Science: Software Engineering

San Jose State University - San Jose, CA

- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming (OOP), Operating Systems, Web Development, Mobile Application Development, Software Testing and Quality Assurance, Software Project Management

Projects

SJSU Hub

- Developed a web application designed as a platform for campus students to connect, share information, and engage in discussions.
- Developed streamlined back-end using Java and Spring Boot, including RESTful API development for seamless front-end and back-end communication.
- Utilized React's component-based architecture for dynamic and responsive front-end development.
- Integrated user authentication and authorization using JWT (JSON Web Tokens), ensuring secure access to protected routes and resources.
- Employed asynchronous data fetching and updating techniques, enhancing the app's

performance and user experience.

- Utilized Git for version control, enabling efficient collaboration, code review, and tracking changes throughout the development process.

MYSQL Hotel

- Developed a MySQL database project for effectively managing a hotel system, encompassing room management, guest information, stay length tracking, and billing details.
- Implemented tables and relationships to accurately track room availability, assign rooms to guests, and manage stay durations.
- Employed SQL queries to retrieve and update guest records, room status, and billing information.
- Implemented robust validation and error handling mechanisms to ensure data integrity and prevent inconsistencies in the system.
- Collaborated with a team of developers to gather requirements, design the database structure, and implement requested features.

Flappy Bird Replica

- Created a mobile app replica of the popular game Flappy Bird using Dart and the Flutter framework.
- Developed the game mechanics, including bird movement, obstacle generation, collision detection, and scoring system.
- Utilized Flutter's widget-based architecture to build a responsive and visually appealing user interface for the mobile app.
- Implemented smooth animations and transitions to enhance the gaming experience and provide fluid gameplay.
- Integrated touch controls for intuitive and interactive gameplay, allowing users to control the bird's movement by tapping the screen.