

Bhavdeep Randhawa

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EDUCATION

San Jose State University

Bachelor of Science in Computer Science

Aug. 2023 – May 2025

Modesto Junior College

Associate's in Physics, Associate's in Mathematics

GPA: 3.95

Aug. 2021 – May 2023

EXPERIENCE

Full Stack Developer

August 2022 – Present

CommunityALI | [React](#), [Javascript](#), [NodeJS](#), [ExpressJS](#), [MongoDB](#)

Modesto, CA

- Collaborated with a team of student developers to create a web application that was later adopted by our college
- Developed a full-stack web application using React, MongoDB, ExpressJS, and NodeJS where users can post or apply for opportunities such as clubs and internships
- Designed, tested, and implemented an optimized search algorithm with advanced filtering while ensuring scalability
- Awarded a \$5000 dollar grant in competition hosted by SolveCC after being voted the most transformative project for community

PROJECTS

Weather App | [React](#), [Javascript](#), [NodeJS](#), [REST API](#), [TailWind](#)

- Utilized React's state management capabilities to efficiently update and display weather information in real-time.
- Created a user-friendly and responsive UI using TailWind CSS framework
- Employed modular and reusable React components to enhance code maintainability and reduce redundant code.
- Provide accurate and up-to-date weather data, including current conditions and forecasts, using OpenWeather's REST API

Sorting Algorithm Visualizer | [React](#), [Javascript](#)

- Built a web application that allows users to visualize sorting algorithms such as selection and merge sort
- Displayed how varying time complexities are affected by the input size of the array.
- Animated the sorting process to visually illustrate how elements are compared, swapped, and eventually sorted.

Personal Portfolio | [React](#), [Javascript](#), [TailWind](#)

- Created a react application showcasing my projects and the technologies that I have experience using
- Implemented a responsive design that ensured optimal viewing experience across a range of devices
- Used TailWind to write easy-to-read code and design a visually appealing interface
- Improved UX by including animations and react smooth-scroll

AWARDS

Certificate of Achievement | *Math-173, Phys-102*

- Awarded a certificate recognition for the being the top performing student in both Multivariable Calculus and Physics -Thermodynamics and Optics

LEADERSHIP

MJC Comp Sci Club | *Co-founder/VP*

- Facilitated weekly club meetings, encouraging knowledge sharing, fostering a collaborative environment, and addressing member concerns.
- Organized Hackathon style activities to promote project-based learning.

TECHNICAL SKILLS

Languages: Java, JavaScript, C++, NoSQL (MongoDB), Python, HTML/CSS, R

Frameworks: React, Node.js, TailWind, Express.js, JQuery

Developer Tools: Git, Github, VS Code, Visual Studio, IntelliJ, Eclipse