

Gian Singh

Software Engineer



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Education

B.S Computer Science

New Jersey Institute of Technology (Expected Dec 2024)

Relevant Coursework

- Internet Applications (IT 202 - Browser and Client Side Technologies)
- Programming Language Concepts (CS280 - Implemented our own Interpreter in C++)
- Database System Design & Management (CS 331)
- Intro to Computer Systems (CS 350 - Understanding Computer Architecture using Assembly and C)
- Advanced Data Structures and Algorithms (CS 435)

Technical Skills

- Experienced in web development, including front-end and back-end technologies.
- Familiar with database management and SQL.
- Proficient in programming languages: Python, C/C++, PHP, Bash, Java
- Strong command of web technologies: HTML, CSS, JavaScript, Node.js, React JS, React Native, Redux, Git; Linux environment experience; Azure, MySQL and Selenium proficiency; efficient coding with Vim

Experience

Software Engineer Intern at Logiware Inc: July 2023 - Present

- Developed automated test scripts using Selenium WebDriver in Java to ensure the functionality and stability of Logiware Inc's web applications.
- Successfully refactored and optimized existing test codebase to enhance maintainability and reduce redundancy, resulting in more efficient test suites.

Software Engineer Intern at Khalis Foundation: Jun 2021 - Jul 2021

- Built main components and mechanics of the vocabulary game, using React Native, Node JS, Redux and other technologies.
- Evaluated code of peers to ensure that it is valid, is properly structured, meets industry standards and is compatible with devices.
- Conferred with management daily to prioritize needs, resolve conflicts, develop content criteria and choose solutions.

Computer Science Tutoring at NJIT: Jan 2021 - May 2021

- Tutored Courses which taught Python, Java and Computer Science concepts
- Helped students understand basic programming concepts like variables, loops, data structures, etc.

Projects

- Wanted a Specific way to read the Sikh Scriptures so made an Application (available on IOS/Android/Web) to do so. The App is used by hundreds of users daily. For more information, visit SanthiyaPothi.xyz
- [Keerat.xyz](#), an audio platform that has alot of vintage divine music, discourse and more!!!
- Created a dropshipping website in PHP that gets its data by scraping sites every 6 hours and putting the data in a SQL database
- Engineered an immersive Full Stack Sudoku gaming application using PHP and MySQL, offering a wide range of features such as user management, Sudoku gameplay, competitive events, ranking systems, and more