Gian Singh

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EDUCATION

New Jersey Institute of Technology, Newark, NJ
Dec 2024
Bachelor of Science in Computer Science

SKILLS

Technical Skills: *Python, C/C++, Java, Bash, Android Compose, HTML, CSS, Javascript, Node.js, React js, React Native, Flutter, Redux, Git, Vim, Mysql, Selenium, Azure, AWS*

PROJECTS

- **SanthiyaPothi.xyz**: A cross-platform application (iOS, Android, Web) made using React and React Native, serving **1,000+ active users** to learn Santhiya, a traditional Sikh scripture study technique
- **Keerat.xyz**: An audio platform for Sikh-related content made with React (Next.js), serving over 1,000 active users, with **100+ daily users**. Managed full-stack development, leveraging Azure for audio file hosting and AWS EC2 for backend processing
- **Akhar Jor**: A Punjabi vocabulary game app, made from scratch using React Native during my Internship at Khalis Foundation. Took a lead role in development, with the app being launched one year after the internship
- Sudoku: Engineered a full-stack Sudoku game in PHP and MySQL and hosted on Heroku, featuring user management, competitive events, ranking systems, and immersive gameplay, offering a comprehensive user experience
- Dropshipping: Developed a PHP-based dropshipping website for my CS288 class that automatically scrapes product data from various sites every 6 hours, storing it in an SQL database for seamless inventory management

EXPERIENCE

Event Games.io, Newark, NJ   Jan 2024 - May 2024
Software Engineer Intern
- Led development of a customizable 3D endless runner, boosting market appeal and attracting potential buyers.
- Analyzed 3D game performance, optimizing for a 60% reduction in load times and improved user experience
- Collaborated with teams to integrate client logos and ads into game environments, increasing brand visibility
- Debugged and refined game mechanics, ensuring smooth gameplay and fewer user-reported issues

Logiware Inc, Atlanta, GA   July 2023 - Dec 2023
Backend Software Intern
- Developed Selenium WebDriver scripts in Java to ensure functionality and stability of Logiware Inc's web apps
- Refactored and optimized codebase to improve maintainability and reduce redundancy, streamlining test suites

Khalis Foundation, Milpitas, CA   June 2021 - July 2021
Software Engineer Intern
- Developed key components of a vocabulary game using React Native, Node JS, and Redux
- Streamlined development processes, resulting in faster iteration cycles and improved overall product quality
- Performed code reviews to ensure industry standards and cross-device compatibility
- Collaborated in daily meetings to align priorities and resolve project challenges

NJIT, Newark, NJ   Jan 2021 - May 2021
Computer Science Tutor
- Developed tutoring strategies for Python, Java, and CS concepts, enhancing students' core understanding
- Guided students through programming challenges, enhancing problem-solving skills and coding confidence

LEADERSHIP & COMMUNITY INVOLVEMENT

Sikh Student Association, Newark, NJ   Sept 2023 - May 2024
President of the NJIT SSA
- led the organization by creating event schedules, making leadership decisions, gathering student feedback, and collaborating with SSAs from other schools to deliver engaging events tailored to student needs