

Gian Singh

678-267-0271 | gs4@njit.edu | Oakland, NJ
github.com/giansingh4710 | linkedin.com/in/giansingh4710



gians.xyz

EDUCATION

New Jersey Institute of Technology, Newark, NJ
Bachelor of Science in Computer Science, GPA 3.3

Dec 2024

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 as a part of my IT-202 class.
- **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

- Spearheaded development of customizable 3D endless runner game, expanding market appeal and attracting potential buyers through strategic branding
- Conducted thorough performance analyses of 3D games, implementing optimizations that significantly enhanced user experience and reduced load times
- Partnered with cross-functional teams to integrate client logos and advertisements seamlessly into game environments, boosting brand visibility
- Meticulously debugged and refined game mechanics, ensuring smooth gameplay and minimizing user-reported issues across diverse platforms

Logiware Inc, Atlanta, GA

July 2023 - Dec 2023

Backend Software Intern

- 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 the existing codebase to enhance maintainability and reduce redundancy, resulting in more efficient test suites

Software Engineer Intern, Milpitas, CA

June 2021 - July 2021

Backend Software 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 tailored tutoring strategies for Python, Java, and CS concepts, enhancing students' grasp of core programming principles and data structures.
- Guided students through complex programming challenges, fostering problem-solving skills and boosting confidence in coding abilities.

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