

# Sandeep Singh



201-927-6063 | [singh.deep8302@gmail.com](mailto:singh.deep8302@gmail.com) | [github.com/SandeepS3](https://github.com/SandeepS3) | [LinkedIn](#)

<https://sandeeps3.xyz>

## EDUCATION

New Jersey Institute of Technology, Newark, NJ

Graduated: December 2024

Bachelor of Science in Computer Science

- **Dean's List**, NJIT Academic Excellence **Scholarship**

## EXPERIENCE

### Web Developer

April 2025 - Present

Jenson & Mitchell

Paterson, NJ

- Revamped key sections of the company's eCommerce website to improve **user flow** and **user interface**, contributing to around an **25% increase** in completed transactions and overall customer retention.
- Implemented **SEO** best practices and optimized site performance, leading to around an **35% increase** in traffic and higher product visibility across search engines.

### Full Stack Developer

June 2024 - August 2024

boomerroomer

Westport, CT

- Enhanced frontend user experience by developing an intuitive and **responsive** interface, ensuring seamless navigation for boomers seeking and offering homeshare options.
- Created a sophisticated matching **algorithm** to pair boomers based on geographical area, housing preferences, lifestyle, and budget, facilitating effective and compatible homeshare connections.

### Full Stack Developer Intern

January 2024 - May 2024

EventGames.io

Newark, NJ

- Maintained and enhanced interactive 3D games for client companies using **Three.js**, focusing on **bug resolution**, deployment readiness, and key feature development, such as user registration forms, to improve **security**, customer engagement, and **data management**. Optimized game performance by increasing **FPS by 20%** and reducing **GPU usage by 15%** for smoother gameplay and efficient resource management.
- Developed an immersive endless runner game using **React** and **Three.js**, integrating intuitive swipe controls, strategic power-ups, and smooth **3D graphics** for a dynamic user experience. Play at <http://alumni.run/>.

### Developer Intern

June 2023 - August 2023

Amazon.com

Fresno, CA

- Spearheaded the development and implementation of a **Python** and **VBA-driven** automation project that optimized daily role assignment processes for associates, achieving a **10% reduction** in startup time and annual savings of over **\$30,000**.
- Designed and implemented a sophisticated role **randomization algorithm** within the system to ensure equitable role distribution and meet the company's operational distribution needs.
- Enhanced operational efficiency and user experience by integrating a badge scanning system, enabling associates to access their daily assignments through **Python-enhanced Excel sheets**.

## PROJECTS

- **Bitfit Web Application**: A **full stack** web application utilizing **Flask**, **React**, and **MySQL** where users can **register** and **log in** to either client or coach accounts. Create workout plans, track progress, and communicate with coaches to get optimized workout plans.
- **Simple Tic Tac Toe Website**: Engineered a **full stack** tic-tac-toe game in **PHP** and **MySQL** and **hosted** on **Heroku**, featuring user management, competitive events, ranking systems, and immersive gameplay, offering a comprehensive user experience

## 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

## SKILLS

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