

# Snehil Kakani

Web developer, audio engineer, music producer, and actor

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[snehilkakani.me](https://snehilkakani.me)

[github.com/snek152](https://github.com/snek152)

[linktr.ee/snek.music](https://linktr.ee/snek.music)

## EXPERIENCE

### President (12), Co-Vice President (11), Head of Frontend (10)

*Lynbrook Web Development Club/DevX Club, May 2022 - Present*

- Helped develop club projects including the ProCo computing olympiad platform and the Tonz music social hub
- Worked collaboratively on design and implementation of websites for Lynbrook ML club and Athletes4Others
- Created and presented slides on a variety of topics to introduce club members to software development
- Expanded club agenda to include passion project development

### President (12), Secretary (11)

*Lynbrook Studio 74 Drama Club, August 2021 - Present*

- Developed weekly slides covering theater topics such as improvisation, scene work, and sound design
- Boosted attendance by ~200% via new promotion strategies
- Took an active role in multiple school productions
  - Tod in *Check Please* (2022)
  - Count Paris in *Romeo and Juliet* (2022)
  - King Henry II in *The Lion in Winter* (2022)
  - Sound Operator and Team Member in *Ranked* (2023)
  - Head of Sound in *The Laramie Project* (2024)
  - Tyler and Head of Sound in *Laughing Stock* (2024)

### Music Producer and Audio Engineer

*Freelance/Independent, November 2022 - Present*

- Produced hip-hop and trap beats and mixed recorded vocals to create songs
- Released a hip-hop album with a rapper on all major music platforms
- Designed sound and managed audio hardware for multiple school productions and Northwestern NHSI Theatre Arts 2024
- Featured in school newspaper

### Freelance Website Developer

*Various Organizations, June 2021 - Present*

- Commissioned by companies and organizations such as EuclidLearn and Care for our Common Home to design and develop a company website from scratch
- Earned money/volunteer hours for contributions

### Director of Technology, CS Instructor

*STEMist Education, January 2022 - January 2023*

- Created and developed organization website
- Led a team of developers in various projects such as a Discord bot and student portal
- Developed and taught CS lesson materials to students

## ACCOMPLISHMENTS

### Volunteer Work

- Two gold Presidential Volunteer Service Awards through nonprofit organizations
- International Thespian Society membership through Lynbrook Studio 74 Drama Club

### Awards

- Horn Entrepreneurship through Equity Award at Diamond Challenge 2023
- Honorable Mention in Physical Science and Engineering at Synopsys Science Fair 2022
- Silver Medal in Duo Scenes at Lenaea Theatre Festival 2024

### Standardized Testing

- SAT - 1540
- PSAT - 1490
- AP Comp. Sci. A - 5
- AP Lang. & Comp. - 4
- AP Psychology - 4
- AP Calculus BC - 5
- AP Physics 1 - 4

## RELEVANT EDUCATION

### Lynbrook High School

*August 2021 - June 2025*

- AP Computer Science A
- Advanced Drama Honors
- AP Physics C: Mechanics
- AP Calculus BC

### UC Santa Barbara Summer Research Academies

*June 2023 - July 2023*

- Studied biomedical applications of machine learning
- Developed a novel neural network architecture for diffuse glioma segmentation in brain MRIs under data and processing constraints, dubbed GU-Net

### Northwestern NHSI Theatre Arts Program

*June 2024 - August 2024*

- Developed acting skills in an intensive, conservatory-style theatre program
- Portrayed the lead, Jim, in an adaptation of *Treasure Island*