

# Nisal Attanayake

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## SOFTWARE ENGINEER

A dynamic and passionate full-stack software engineer, who brings a fresh perspective to the technology industry. Proficient in debugging complex code, researching, integrating cutting-edge technologies, and tackling challenging projects with tenacity and a solution-driven approach. Forever committed to continuously learning and poised to make an impact by delivering innovative solutions.

## SKILLS

- **Programming Languages:** Javascript, HTML, CSS, Python, R, Git, SQL
- **Others:** Visual Studio Code, GitHub, Google Cloud Build, MongoDB, Django, Node.js, Express, React, PostgreSQL, AutoCAD

## SOFTWARE ENGINEERING PROJECTS

### Flappy Bird | [GitHub](#) | [Visit Site](#)

- Applied knowledge of DOM manipulation and canvas to make a functioning browser game.
- Researched and applied methods to create a game from scratch.

### Budgeting App | [GitHub](#)

- Created a functioning full-stack application that allows a user to add transactions and track their budget.
- Displayed knowledge of Express framework and Node in creating back-end.
- Applied knowledge of HTML, Javascript, and CSS in order to create and style front-end.
- Created databases through Google OAUTH and MongoDB Atlas.

### Together - Twitter/Hinge Clone | [GitHub](#) | [Visit Site](#)

- Collaborated with 2 other software engineers to create a Twitter clone.
- Utilized Python, Django, HTML, and CSS in order to create a functioning website.
- Created databases and models using SQL and Python, respectively.

### BoomerBot - AI ChatBot | [GitHub](#) | [Visit Site](#)

- Collaborated with 3 other software engineers to create a functioning AI chatbot.
- Full MERN stack app that employs Google's Gemini AI API.

## WORK EXPERIENCE

### General Assembly, Software Engineering Immersive

*Remote , 09/2023 - 12/2023*

- Successfully completed 500+ hours of expert led instruction in front and back-end development.
- Developed projects to apply hands-on learning of Javascript, CSS, and HTML.

### Art Cove, Warehouse Packer

*Glendale, New York, 05/2022 - 12/2023*

- Received and packaged hundreds of orders daily.
- Took inventory and restocked products every 6 months.
- Adapted quickly to new shipping and packing protocols.

### Newlife Fellowship Church, Small Group Leader

*Elmhurst, New York, 03/2010 - 07/2018*

- Responsible for entertainment, education, and general well being of children.
- Coordinated and communicated with parents, children, and other leaders to ensure daily operations went smoothly.
- Helped create and modify lesson plans to match the agenda for the day.
- Managed and cared for up to 40 children alongside 2-3 other leaders.

## EDUCATION

### General Assembly, Software Engineering Immersive

*Certificate: 12/2023*

### New York Institute of Technology, Biology B.S.

*Manhattan, New York, Attended: 09/2020 - 05/2023*

- Completed over 90 combined credits for both Biology and Engineering majors.
- Completed courses in both computer science and computer engineering.
- Utilized R in order to complete complex statistics problems for a biostatistics course.