Project Title
Tycha

Project Type
self-initiated project

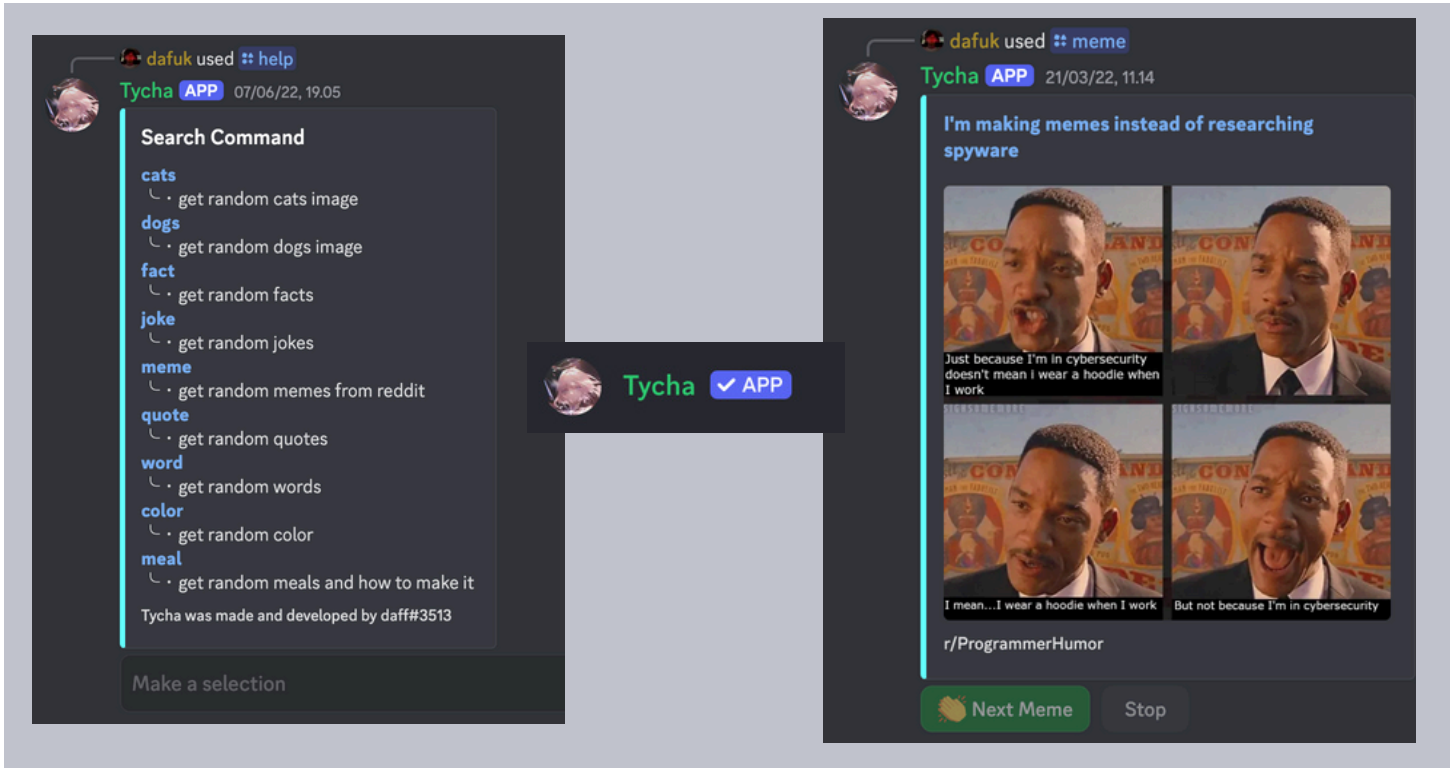
Year Accomplished
2021

Role/Position
Developer

Publication Link
https://github.com/daffpy/tycha

My Impact
developed the bot from scratch, published and advertised the bot through various bot listing websites, verified the bot through Discord Verification Center

Project Description
Tycha is my first ever published programming project, it is a multipurpose discord bot that could help moderate a discord server and boost engangement at the same time by providing playful and useful features.



From this project, I learned to:
- design and develop a discord bot through Discord API wrapper for Python
- handle user's data responsibly making sure the users trust the bot by transparency
- publish and advertise my product through various platforms
- ensure my product aligns with the company's policies and views

---

Name
Satria Daffa

University (Student)
Binus University - 5th semester

Contact
(+62) 81284182505
satriadaffa420@gmail.com

Project Title
VtuberWiki-Py

Project Type
self-initiated project

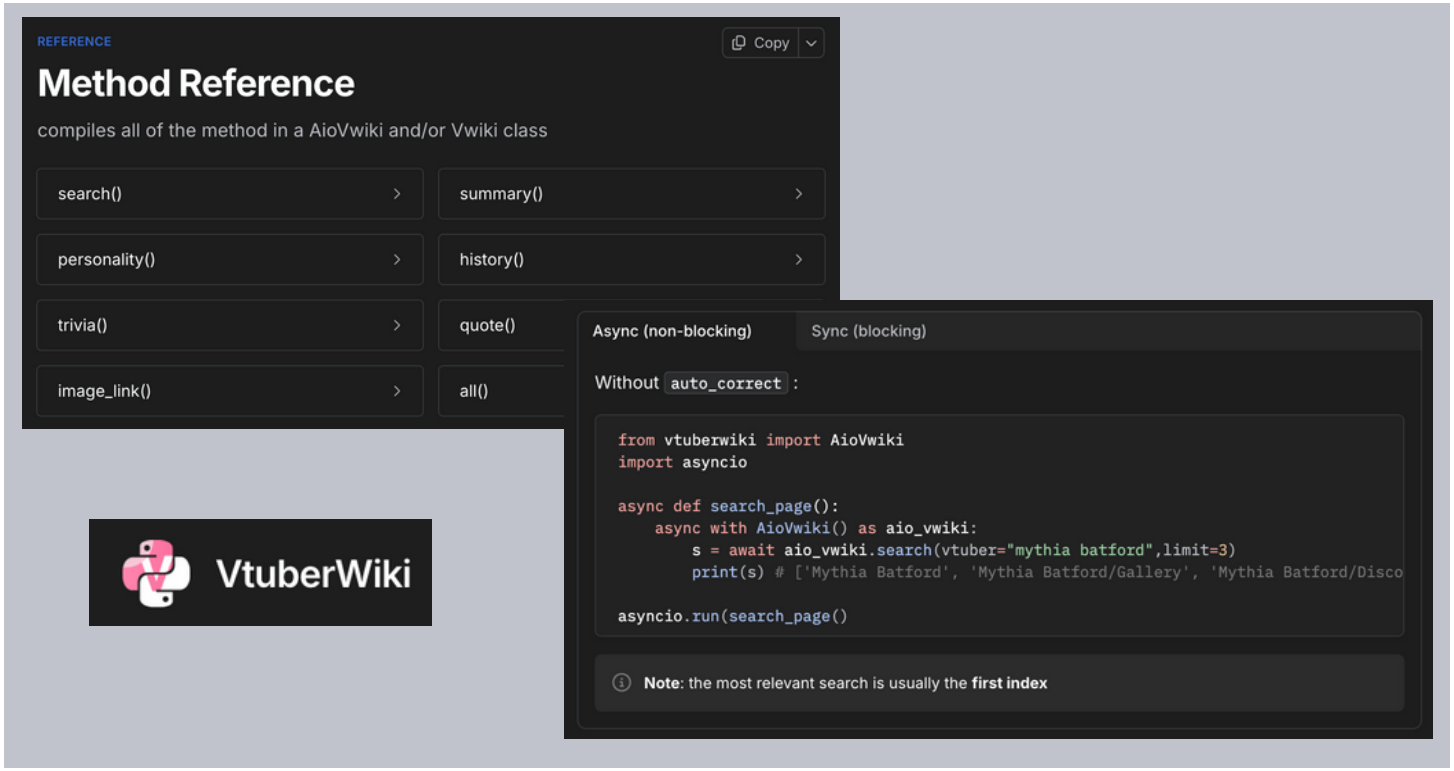
Year Accomplished
2022

Role/Position
Developer

Publication Link
https://github.com/daffpy/vtuberwiki-py

My Impact
implemented a way to format the inconsistent API response, invented custom methods that wasnt initially provided by the API, provided asynchronous delivery for optimal design

Project Description
VtuberWiki-Py is an Fandom API Wrapper built on Python, exclusively made for Vtuber (Virtual Youtuber) Wiki Fandom. This allows the user to extract the Fandom's page content smoothly, as raw Fandom API are known to be very unstable and may yield inconsistent API responses format.



From this project, I learned to:
- scrape a website responsibly to retrive crucial information that was not provided by the API
- handle and sanitize inconsistent API responses
- implement asynchronous delivery to reduce response time of each request
- think outside-the-box to overcome challenges that might be unexpected and find solutions that was never been done before

---

Name
Satria Daffa

University (Student)
Binus University - 5th semester

Contact
(+62) 81284182505
satriadaffa420@gmail.com

Project Title
Personal Website

Project Type
self-initiated solo project

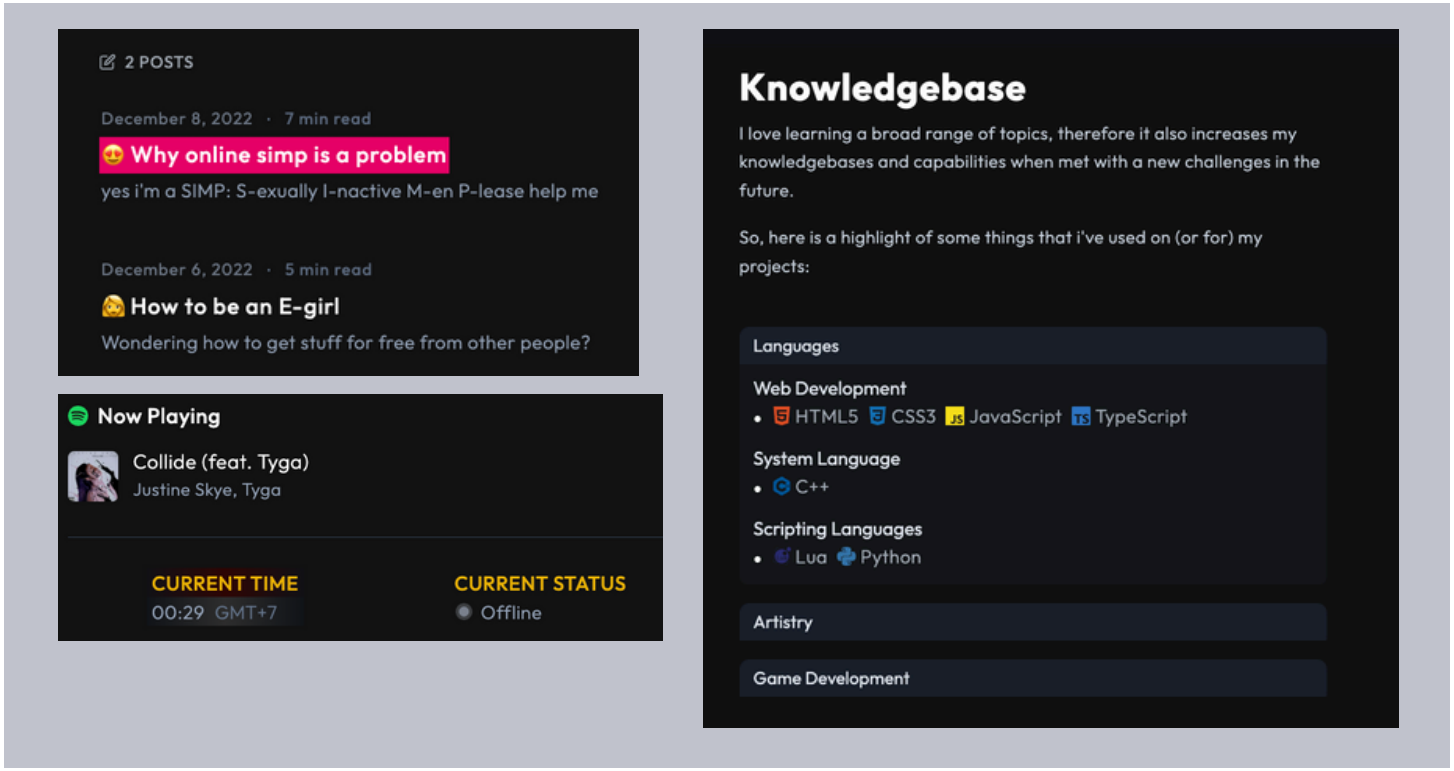
Year Accomplished
2022 - Present

Role/Position
Developer, Designer

Publication Link
https://satriadaffa.com
https://github.com/daffpy/nextjs-daff-port

My Impact
fully designed, researched and developed the site from scratch

Project Description
as an expressive person, i love to share my journey to the world, especially sharing stories within a personal blogs, which is why i felt like a personal website would be a perfect and interesting project to try on as this project was my first dive into React and dynamic sites.



From this project, I learned to:
- develop and utilize NextJS to create dynamic sites to reduce loading time of the site
- integrate gray-matter into .md files, which translates markdown files into MDX blog pages
- handle API Auth and integrate API responses into my site
- utilize dynamic routing to create dynamic blog pages route

Name
Satria Daffa

University (Student)
Binus University - 5th semester

Contact
(+62) 81284182505
satriadaffa420@gmail.com

Project Title
D'AUTOM8N

Project Type
self-initiated project

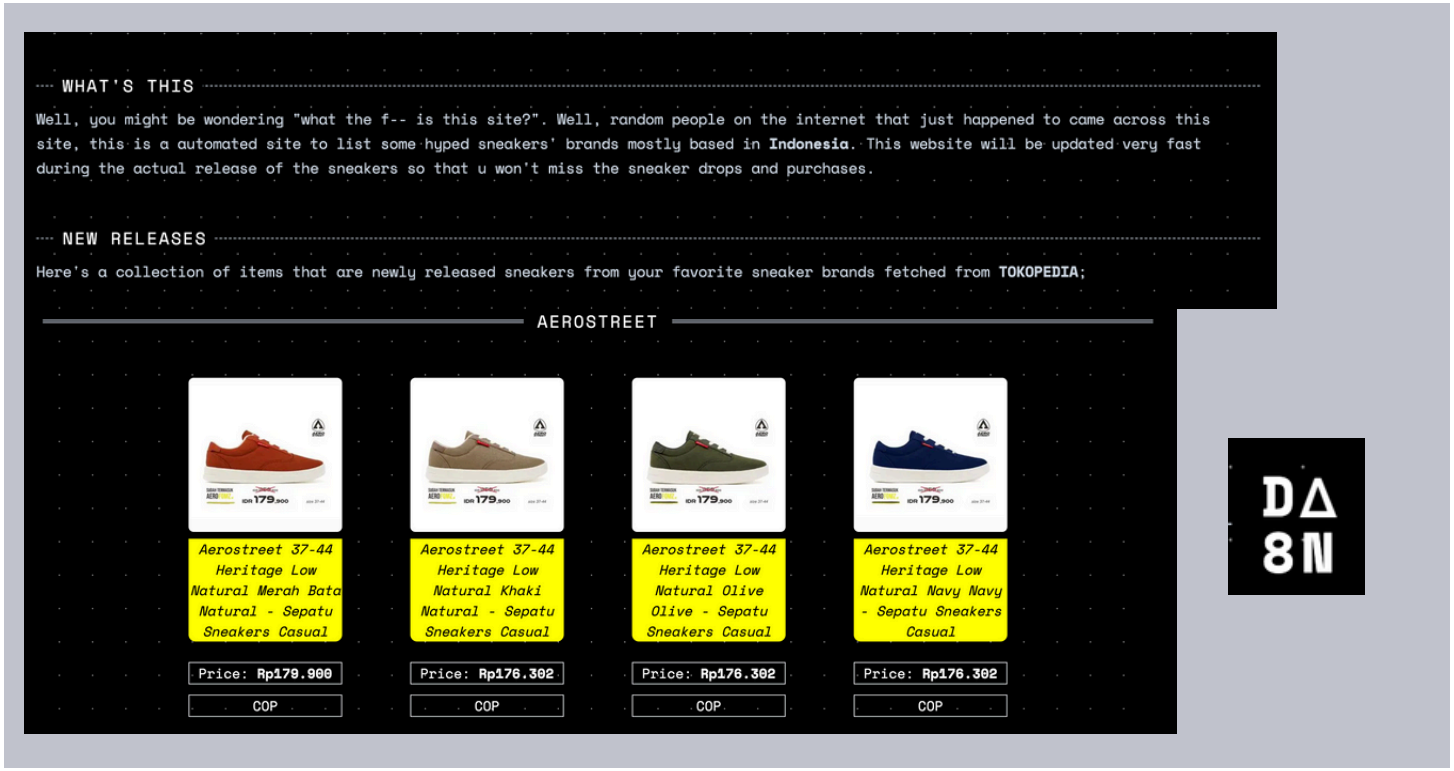
Year Accomplished
2022

Role/Position
Developer, Designer

Publication Link
https://github.com/daffpy/aero-tokped

My Impact
implemented an API wrapper for Tokopedia's graphql responses, designed a reactive page update using stale-while-revalidate method

Project Description
D'AUTOM8N is a solution to online shop shock-drop botting, as it allows user to navigate quickly to the purchase section of the item before it is displayed on the site, hence giving the user the same chance as the bot. The site will be updated very frequently to keep the item relevance.



From this project, I learned to:

- handle graphql API request and responses
- design a reactive website that needs to be constantly updated
- find an innovative way to beat a broken system
- stay ethical while coding and not violate any rules given by the other party (ex: ratelimit)

Name
Satria Daffa

University (Student)
Binus University - 5th semester

Contact
(+62) 81284182505
satriadaffa420@gmail.com

Project Title
Circle

Project Type
college group project

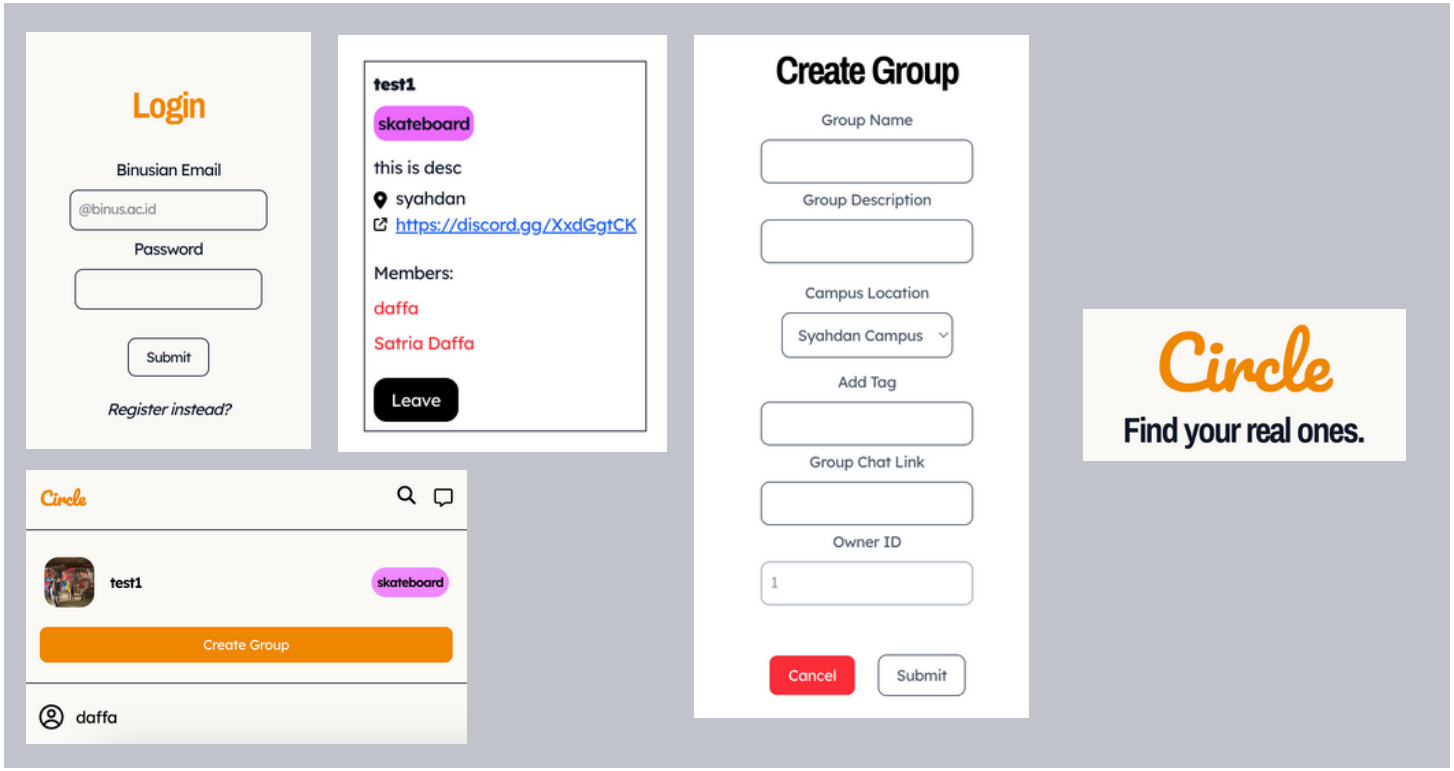
Year Accomplished
2024 - Present

Role/Position
Developer

Publication Link
https://github.com/daffpy/circle

My Impact
proposed the general idea of a tinder-like group matching platform, leading the group, developing the main backend logic of the site

Project Description
Circle is a group matching platform for student of Binus University using tinder-like feature to help users find the ideal friend group based on their interest and campus location. The platform gave a safe way for shy people to make friends, as it is exclusively for verified student of Binus University.



From this project, I learned to:
- implent agile methodologies to focus on prioritization and estimation of each features
- integrate and handle database auth, connection, and responses to the backend part of the site
- integrate various User Authentication API and handle its responses
- discuss and collaborate with different kinds of people with varying opinion, skillsets and skill levels

---

Name
Satria Daffa

University (Student)
Binus University - 5th semester

Contact
(+62) 81284182505
satriadaffa420@gmail.com