Tech Stack

Languages:

- JavaScript
- Python
- HTML
- CSS

Libraries:

- React.js
- Node.js

AI and Bot development:

- discord.js
- Gemini SDK
- tmi.js

Cloud and AI platforms:

- Microsoft Azure

Databases:

- NoSQL: MongoDB
- SQL: MySQL
- Familiar with Vector Databases

Version control:

- Git
- Github

Developer tools:

- Docker
- Postman

Soft Skills

- Strong communication and collaboration
- Creative thinking and problem solving
- Strong leadership qualities
- Self-preservation
- Conflict resolution
- Productive and efficient at completing tasks
- Optimistic and proactive
- Good team player

Brittany Olivia Cahill-Carnaby

Full stack software developer

Summary

Creative problem solving software developer graduate with a drive to solve problems and write memorable code. Driven towards career development, backend work and learning new skills.

Heavily intrigued by AI and the potential it comes with as well as diving deeper into cyber security and game development.

Work experience

Software Developer Intern with PolicyCheck:

21st July 2025 - present

Worked with Docker, MFA, researched into vector databases and more while working on the PolicyCheck project. Using a combination of JavaScript, Python and Bash scripts.

Responsibilities include:

- Learning Docker in depth
- Learning Multi-factor authentication
- Adding security measures and limits
- Integrating different API's like Gmail and Microsoft
- Taking part in agile work practices, standups and showcases
- Collaborating with my classmates and other developers using various communication tools like Slack

Contracting for DCL computer services:

2022 - present

Taking part in side jobs provided by my fathers computer consultancy business, doing various tasks and engaging with his client base.

Responsibilities include:

- Creating/Editing and maintaining Wix sites
- Assisting clients with different tasks including catalog creation and file sorting
- Conducting research and implementing findings
- Managing my own timesheet and invoicing with Hnry

Security and animal control with HSM:

March 2020 - August 2020

Conducting security patrols and responding to Animal control callouts, as well as being on call multiple nights a week.

Responsibilities included:

- Responding to callouts and alarms in a timely fashion
- Conducting security patrols
- Covid screening
- Conflict resolution and de-escalation
- Engaging in self-discipline and self-preservation

Personal Projects

Computer assistant Fredrick the AI assistant:

Fredrick is a potato themed computer assistant I have been developing in my own time, combining my reputation as a potato lover with my passion for AI, he is my proudest project yet.

Functionality includes:

- Sitting in the tray and getting activated via a hotkey
- Ai - Gemini SDK (gemini-2.0-flash)
- Speaks to you upon activation, and takes vocal commands
- Can:
  - Search YouTube and play the first result
  - Search google and display results
  - Answer questions (AI chatbot)
  - Close active browser tabs
- I have more plans for him in the future!

Twitch and Discord combination Bot Again an Ai called Fredrick

This Fredrick can post timed commands on twitch and discord, answer questions, hold a conversation and retain basic memory for individual users.