

Josh Jeffers

Fullstack Developer • Software Engineering Student

PERSONAL

I'm a second-year Software Engineering student with both frontend and backend experience who is passionate about developing software that helps others. I'm a hardworking and self-driven individual that is eager to learn and I'm always striving to improve my skills.

PROJECTS

Quiz Bot — Java, Spring Boot, Derby, JQuery, Thymeleaf

github.com/pumbas600/Halpbot • github.com/pumbas600/HalpbotDashboard

- A Discord quiz bot using my custom framework **Halpbot**.
- As of November 2021, there were **131** unique questions, **115** unique users, **1256** quizzes started and **5088** questions answered.
- Created a web app that allowed users to easily add to the **Derby** database.
- Users found it to be an **extremely useful** and **accessible** studying mechanism.

Portfolio — React, Typescript, Tailwindcss

github.com/pumbas600/E-Portfolio • <https://pumbas.net>

- My digital portfolio was created as an opportunity to apply my **React** skills.
- **Tailwindcss** enabled me to easily make the website support devices of various sizes and streamlined the dark/light mode styling process.
- **Over 1500 monthly** website views.

Halpbot — Java

github.com/pumbas600/Halpbot

- A comprehensive Java Discord chatbot utility framework that provides a unique, **annotation-based** flow for actions designed to alleviate boilerplate.
- Uses **reflection** and **proxying** to facilitate implicit interaction action flows.
- My long term personal project, this repository has **over 500 commits**.

EXPERIENCE

Web Development Consultancy Club — Backend Developer

APRIL 2022 - PRESENT, University of Auckland

- One of **9 volunteers** that works in an **agile environment** using **Scrum** practices to create a web application for the Albert-Eden Youth Board using **MongoDB, Express, React, and NodeJS**.
- Developing an **Express API** that allows clients to access data from **MongoDB**.
- Created the request authentication middleware using **JWT**.

Cortex Limited — Software Tester

JULY 2020 - MAY 2021, 48 Enterprise Street, Birkenhead, Auckland

- Tested web applications for **over 5 clients** through **end to end** testing, creating **Ghost Inspector** tests (An automated website testing tool using **Selenium**) and by using the website.
- Fixed a number of the issues identified during my testing.

pumbas.net

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EDUCATION

Bachelor of Engineering (Hons) Software Engineering

2021 - 2024, University of Auckland

Cumulative GPA: 9.0/9.0 (A+)

TECHNICAL SKILLS

Frontend

- React
- Typescript
- Javascript
- Tailwindcss
- Thymeleaf
- JQuery

Backend

- Typescript
- Express
- MongoDB
- Java
- Spring Boot
- SQLite
- Apache Derby

Other*

- Python
- C
- C#
- Unity
- Git

**Non-web development related*

ACHIEVEMENTS

2021

- Dean's Honours List — Awarded to students in the **top 5%** of their year.

2020

- Petit Rosebowl DUX — Awarded to the **top academic student** in year 13.
- First in Year 13 Chemistry.
- Joint First in Year 13 Calculus.
- Joint First in Year 13 Physics.