

Brandon Gilbertson

GitHub: <https://github.com/brandon-005>

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Profile

My name is Brandon Gilbertson, and I am a mature and hard-working student seeking an opportunity to contribute to a software engineering team. I'm eager to apply technical expertise, strong problem-solving skills and an appetite for tackling new challenges, demonstrated through my participation in the Duke of Edinburgh award. I'm committed to showing that I'm enthusiastic with a mindset to constantly push myself for continuous learning and professional growth in the field.

Key Skills

Website Development – Well-versed in programming languages such as HTML, JavaScript and CSS. Knowledgeable in frameworks including Express.JS and SCSS.

Communication – Strong communication skills with a keen eye for attention to detail and the ability to absorb feedback for growth and development.

Databases – Confident in utilising database tools like MongoDB to create effective and efficient data storage.

Problem Solving – Analytical thinking when resolving problems to overcome bugs or issues, with a thoughtful strategy for long-term success.

Education

GCSEs (South Shore Academy)

- EDEXL Mathematics: 4
- AQA GCSE Combined Science: 5,5
- AQA GCSE Religious Studies: 6
- AQA GCSE English Language: 6
- AQA GCSE English Literature: 6
- OCR GCSE Computer Science: 4
- NCFE Business: Level 2 Merit

Level 3 Extended National Diploma in IT (Blackpool & Fylde College)

- Overall Grade: D* D* D

Projects

Discord Chatbot

GitHub: <https://github.com/brandon-005/SaikouBotCurrent>

- I developed a Discord chat bot using Typescript, Node.JS, MongoDB and several node packages, including Axios, for API GET/POST requests.
- I have successfully implemented the chatbot into a large server of over 3.2k+ members, being used daily by various users (<https://discord.gg/saikou>).
- This project incorporates a solid understanding of server-side programming, database management and building efficient/scalable applications.

Gaming Website

GitHub: <https://github.com/brandon-005/SaikouWebCurrent>

Website: <https://saikou.dev>

- I have created a reliable and stunning gaming website based on a client's UI/UX design. This website incorporates languages like HTML & SCSS, utilising frameworks such as Bootstrap for the front end and Express.JS for the back end.
- Fully responsive on devices of all types, considering performance and accessibility for various users.
- The website has accumulated over 3.1k unique visitors between 5th April – 5th May 2023.
- The development of this website comprises of strong communication skills between clients, full-stack programming and responsive design.

RESTful API

GitHub: <https://github.com/brandon-005/SaikouAPICurrent>

Endpoint: <https://bans.saikouapi.xyz/>

- I devised an efficient and dependable HTTP web API using technologies including MongoDB, Node.JS, Express.JS and TypeScript.
- The API serves as a reverse proxy and provides player ban data to a popular game on the Roblox platform, accumulating on average 400-500 concurrent players and amassing over 100 million visits (<https://www.roblox.com/games/62124643>).
- Between 5th April – 5th May 2023, the API handled over 7.1k GET/POST requests.
- This project is a testament to understanding the importance of uptime, API development, request handling and database management.

Extra-Curricular activities

- I represented the Army as an Army Cadet in 2018 to develop various valuable skills, including discipline, teamwork, and communication. I also participated in a summer boot camp, embracing new challenges and experiences and improving my problem-solving skills through physical activities. My involvement in the Army Cadets demonstrates my commitment to personal growth and willingness to take on new challenges.
- Participation in the Duke of Edinburgh Award revealed my dedication to personal and professional development through diverse activities, including volunteering, physical exercise, and learning a new skill. My involvement in the Duke of Edinburgh award allowed me to gain valuable experience in teamwork, communication, and problem-solving, all of which are valuable assets in software engineering.