

Alex Buchan CV

alexnyebuchan@gmail.com

A highly motivated and friendly individual who has a passion for software development and building applications. Specialising in React tech stack, with experience in backend technologies such as Django and Strapi CMS.

Soft skills: self-motivated, strong communicator, dedicated, critical thinker.

TECHNICAL SKILLS

Technologies: React, Javascript, Jest, Django, SASS, Next.js, Typescript, Postgres

Cloud Technologies: AWS, Heroku, Vercel

EMPLOYMENT

Developer (September 2023) – Transport Planning Society (Freelance)

Worked with business stakeholders to gather requirements. Developed a full stack application for TPS which allows clients to upload information through various sources. Used technologies such as React and Django.

- Communicated and collaborated with the business team.
- Selected the most suitable technologies to fit the customer's needs. Decided on **Next.js** with **Django (python)** backend **REST api**.
- Used **Git** for managing the repository, increasing efficiency and reducing errors.
- Developed test plan based on acceptance criteria with business team to ensure application is robust.
- Utilised microservices design pattern with Heroku and Vercel for CI/CD.
- Used Postgres SQL for storing and managing data.

Tech Support – Juno Records (May 2018–October 2021, full time)

Managed security, tech support and customer service for the staff at Juno Records.

- Diagnosed and troubleshooted wide range of technical issues such as hardware repairs and use of sales software.
- Worked with a large team, demonstrating strong ability to work with others and collaborate.
- Mentored colleagues, helping them overcome issues using software and training new starters.
- Used multiple platforms such as Zendesk, eBay, Olark chat and phones to interact with customers and clients.
- Developed strong ability of the Juno software and how it operates with the database.
- Made use of custom Macros to automate and improve tasks.

TECH PROJECTS

As an extremely passionate, ambitious developer, uses passion for tech to build applications for fun and to improve technical skills. These are hosted on github and can be viewed via personal portfolio.

Guardian Website Clone

A clone of the Guardian news website to demonstrate ability to translate user designs into a functional website.

- Utilises the Guardian news REST Api to provide real time news information.
- Translated designs from the real website into **Next.js** code.
- Designed with **SEO** best practices in mind.

AI Zanders

Full stack application displaying latest news and releases for side hustle music production and DJ business.

- Utilises a **Django** backend and **React** frontend.
- Integrated React-Bootstrap component library for consistent styles and fast development.

92 Groove

Bespoke music player app where users can stream and download music mixes based off data from **Strapi CMS**.

- Collaborated with a content editor to design Strapi CMS backend.
- Built frontend in **Next.js** using the Strapi API.
- Utilises useContext and useReducer hooks

ACADEMIA

University of Harvard / Edx (2023)

Certification: **CS50**

University of Sheffield (2011–2014)

Degree: **Philosophy BA (2:1)**

School

A Levels: Politics (A); Religious Studies (A); Music Technology (A)

AS Level: Economics (B)

10 GCSE's: wide ranging, including Maths & English