Ben Davies

Software Engineer

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I'm a backend developer with experience maintaining legacy code as well as building new projects from the ground up. While most of my focus has been on backend work I also have experience working fullstack implementing end to end features and several web products. I have a track record of team development and mentoring.

SKILLS

Backend Development
advanced

Java   Golang   SQL
PostgreSQL

Devops
advanced

Ansible

Web Development
beginner

HTML   CSS   Javascript
Svelte   Supabase

WORK EXPERIENCE (4)

Sep 2023 - Current

Senior Software Developer at

📍 ⬈ https://bet365.com

As a software developer at bet365 I've been responsible for both designing and implementing projects working individually as well as within my own team. I've also been responsible for coordinating work across several teams all over the business

- I have a proven track record of pro-actively finding and preventing security issues including application bugs and configuration issues

- Solely responsible for a implementing and managing an x509 Certificate Authority and PKI used by the team. I've also assisted in the management and implementation of a similar company wide service and mentored people across the business in PKI management and certificate issuance

- Championed the use of state of the art cryptography across a range of services including an internally developed e2e encrypted file transfer service

- Advocated for the adoption of modern TLS and HTTPS features including the roll out of HSTS to internal and customer facing services

- Involved with developing and maintaining a bespoke monitoring service deployed to machines in 10s of datacenters across the world. I've recently taken ownership of the service and planned new features for future development work

- Dealt extensively with regulatory bodies across Europe and Latin America including analysing and providing feedback on proposed reporting services

- Taken ownership of the teams knowledge base and drove the migration from markdown in a gitlab repo to Atlassian Confluence

- I regularly mentor junior colleagues on an ad-hoc basis and in dedicated weekly 1-1 sessions

Apr 2019 - Sep 2023

Software Developer at

📍 ⬈ https://bet365.com

Aug 2016 - Apr 2019

Junior Developer at

📍 🔗 https://bet365.com

May 2016 - Aug 2016

Customer Service Advisor at

📍 🔗 https://bet365.com

As a Customer Service Advisor I was responsible for ensuring queries were resolved quickly and efficiently. Additionally, it was vital to ensure that any information given or actions taken was correct and compliant with the relevant country regulations.
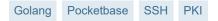
- The customer service team assists customers from across the globe, many countries have their own laws and regulations that govern gambling activity.
- A focus on customer satisfaction was vital but I was also responsible for providing feedback to development teams where appropriate

PROJECTS (3)

SSH Sentinel

Jul 2022 - Current

🔗 https://github.com/ST2Projects/ssh-sentinel-server

`Golang` `Pocketbase` `SSH` `PKI`

- Simple and easy to deploy SSH CA server
- Started as a project to learn golang with but now being refactored to be more flexible with pocketbase
- Used extensively in my homelab

Abandoned By Me

Jul 2024 - Current

🔗 https://github.com/ST2Projects/abandoned-by-me.dev 🔗 https://abandoned-by-me.dev

`Javascript` `Github` `Sveltekit` `Cloudflare`

- Started as a project to learn more frontend development, the idea is to provide a page where devs can 'show off' their side-project graveyard. Once signed up the service will periodically update the user's profile page with a list of abandoned side-projects
- Uses sveltekit and supabase and is currently deployed using Cloudflare Pages, all for free

Home lab

Jan 2016 - Current

`DevOps` `VM Provisioning` `Server Management` `SysAdmin`

- The home lab gives me a place to experiment and learn new technologies.
- I run everything from an Arch Linux mirror to websites for family and friends
- My home network is completely custom and uses Ubiquity kit along with a custom built PFSense router. I'm currently working on adding automatic 4g/5g failover
- As well as home equipment I also manage several VPS machines and a dedicated Hetzner device
- All services and machines are monitored using NetData and UptimeRobot

EDUCATION (1)

2012 - 2013

A Levels Miscellaneous at Trinity Sixth Form

Biology   Physics   Philosophy And Ethics   English Language

LANGUAGES

English
Native speaker

INTERESTS

Reef Keeping

Marine   Coral   Fish

I've kept several salt water fish tanks for a few years now after starting with a small freshwater tank. My current main tank is over 300L and has multiple coral and fish species

Books

Collecting   Fantasy   SciFi

I'm a huge Brandon Sanderson fan but enjoy reading all sorts. I love to talk about my current reads!