



Daniel Geoffrey Hodgkins

Technical Lead • Full Stack Developer

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Skills

- Backend: Python (Django, Redis, Django Rest Framework), PHP (CakePHP, MySQL), Ruby (Ruby on Rails)
- Frontend: JavaScript (ES6, React.js, Webpack, Styled Components, Typescript, yarn), HTML5 + CSS, SASS, Cypress
- Tools: Git, Docker, BuildKite, AWS, jira, trello, Rest API's, nginx
- Additional Skills: Code Architecture, API design, Product Engineering

Profile

Technical Lead & Full Stack Developer with 4+ years experience in industry, including leading teams in React, Django, and CakePHP and engaging with Enterprise platforms in a B2B environment. Full Stack developer in Python & Javascript and eager to learn more through workplace tutelage and free time investment.

Experience in modern agile teams through pair programming, team interaction, and agile workplace practices at CybSafe and IBM. Keen problem solving abilities and analytical skills from providing software solutions for workplace tasks ensuring clear context to the wider business.

Outside of work I enjoy art; including the completion of an evening drawing course, museums, and travelling. I love keeping up to date with current industry advancements, especially mobile technology, through keynotes and conferences.

Experience

Technical Lead (August 2019 ~ Present)

Product Engineering • React • Django • CTO fill-in

CybSafe

- Sprint Master: involving the running, shaping and analysis of the ongoing sprint to make sure the product delivery is on track by assisting the developers with pairing and solution engineering.
- Rule Setting: Helping maintain platform hygiene by instigating standards such as feature flags, the culture of testing, API design, Database querying rules, component structuring and code formatting. This results in around 100 pull request reviews per month
- Skill sharing: Upskilling team members both Senior and Junior through onboarding new hires in our internal React and Django rules and guidelines through pair programming and continual code review. Work outside of the team includes CF:G training an 8 week crash course and leading and hosting my own internal python class.
- Team championing: Through delivery of all hands updates and upper management meetings of team progress. Especially working closely with the product manager to ensure the delivery of features is represented well in communications and aiming to protect the developers as a resource as much as possible. Successfully ferried through the introduction of an internal hack-day upon requests from the team.

Full Stack Developer (November 2017 ~ August 2019)

CybSafe

Python 3 • Django • React • CakePHP • MySQL

- Legacy App Maintenance: Lead the maintenance, deprecation and in situ replacement of 600,000 lines of a CakePHP application into a Django & React platform with API interactions, requiring feature flags, entirely new structures and interesting quirks presented by the old system.
- Django Backend: including data modelling, comprehensive integration tests and API design. Highlights include an implementation of OAuth based user validation, seamless platform switch and in house translation engine work.
- React & Redux Frontend: Working to outline the structural guidelines for reports pages, learning pages, our reusable components, unit testing and e2e testing through cypress and Jest. This also requires keeping on top of frontend innovation such as React Hooks and Suspense.
- Bug Work: Finding and fixing, from both an infrastructure and a product level, by monitoring the AWS, our sentry.io logs and inbound issues from our Customer Success team. Including helping other team members to diagnose, fix and communicate with appropriate understanding to the company.
- Infrastructure: Local Docker environment optimisation and health; allowing for development environments to be quick and as close to production environments as possible, working closely with Jenkins, Travis CI and BuildKite infrastructure too.

Software Development Placement Student (July 2015 ~ July 2016)

IBM

IIB Verification Team • July 2015 ~ April 2016 - App Connect Developer • April 2016 ~ July 2016

- App Connect involved working in node.js, mocha/chai/sinon, Jenkins & GitHub Wiki's to create resilience in IBM's, then new, cloud product.
- IIB involved writing & debugging test cases in many areas with occasional production box management.
- STEM ambassador for Year Reception. Think.IT helper for STEM continuation to secondary school girls.

Aberystwyth University
2013 ~ 2017

Computer Science & Industrial Training, 1st Class Honours

Developing Internet Based Applications • RESTful API in Ruby on Rails
User Centred Design & Human Computer Interaction • Interface design
Machine Learning • Machine learning techniques and algorithms

Adams' Grammar School A Levels • Geology, Maths, Chemistry GCSE's: 11 grade A-C
