Jamie Davies

Software Engineer

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Summary

I'm a young versatile Software Engineer who's great at building beautiful products from the ground up, alone or as part of a team. I started programming at the age of 8, and at 14 raised funding for my first start-up.

I love data, my position at TalkLife gave me access to a wealth of rich data that i've was able to do incredibly fun, but also useful things with. This included building a real-time trend analysis visualisations using the 3 million+ posts in TalkLife, and is used to spot trends topics in the community.

My current position has taught me a lot technically but also professionally about working in a larger team and the importance of thorough planning to avoid wasting time and keeping the team productive without spending all of our time in meetings. I've also enjoyed being involved in the interview process and leading other process improvements after seeing inefficiencies.

Experience

Software Engineer

Yieldify　　　　　　　　　　　　　　　　*2017 - Current*

Yieldify is a marketing technology company that uses predictive marketing to track and optimise conversion rates for e-commerce companies.

- Software Engineer on the team that builds the third-party Javascript application, Tag specific backend microservices and serving infrastructure elements of the Yieldify Conversion Platform.
- Involved in the hiring and interview process for engineering candidates in CV reviews, take home tests and technical white-boarding interviews.
- Coordinated feature development across multiple teams, involving white boarding sessions, product definition refinement and task writing.
- Built internal tools in own time to improve productivity of team, such as a chrome extension to improve our workflow in Jira, a GitHub PR bot to maintain consistency across repos and a debugger tool used by almost all internal teams to help debug issues they were facing with the Yieldify Tag.

Full Stack Engineer

TalkLife

TalkLife is a peer support network that connects young people around the world suffering from mental health problems together, and gives them a place to talk, and ask questions in times of need.

- Built a confidential messaging service that connects patients to licensed therapists for a low monthly cost enabling anyone access to a therapist when they need it most.
- Designed and built an admin/overview dashboard that views and controls all the different TalkLife related services.
- Came up with and prototyped new ideas, using different technologies to test their feasibility and demo to investors.
- Worked alongside the bright minds at MIT, Harvard and Microsoft Research to work on an incredible research project involving mental health and suicide intervention.
- Built multiple internal tools used in processing large amounts of data to assist in tasks like moderation and suicide intervention.

Co-Founder and Developer

Doorpass (Side Project)

2016 - 2017

Doorpass is a cloud management solution for managing your employees and their permissions on external cloud services. I've been working on it as a side project with a friend since March '16.

- Built and maintained a large microservices based web application with a fast single page web application frontend. All written in TypeScript using Node.js and React.
- Worked with hundreds of different APIs for different platforms to build platform integrations.
- When APIs weren't available I had to reverse engineer 3rd party platforms and build complex Web Bots to implement the features that we required.
- Worked with complex crypto algorithms including Shamar Secret Sharing to ensure users data was secure from both external and internal threats.

Co-Founder and Development

whatleads.to (former CauseHub.io)

2013 - 2015

whatleads.to was a platform that enabled charities and NGOs to easily received feedback in the planning stage of their campaigns.

- Founded in December 2013 and pitched to receive incubator funding from Bethnal Green Ventures.
- Built a scalable API and web app able to handle thousands of concurrent connections.
- Built the entire back-end and dynamic front-end codebase to work on the distributed infrastructure while keeping load times and bandwidth usage low.

Intern

Innovation Warehouse

Summer 2013

- Summer internship / work experience at a co-working space.
- Worked on the website and also every day administrative work around the office.
- Worked with multiple startups on helping test their ideas and resolve problems in the workspace.
- Assisted with organising and running events with 100+ attendees
- Helped maintain and improve the large and complex network

Education

Mill Hill School

GCSEs
- *Computer Science*
- *Maths*
- *Statistics*
- *Separate Science (Physics, Biology, Chemistry)*
- *Design Technology*
- *English*

AS/A2-Levels
- *Computer Science*
- *Maths*
- *Further maths*
- *Physics*
- *Design Technology (AS Only)*

Achievements

Work

- *Built a start-up at the age of 14, which received investments, grants and multiple awards, as well as media attention on The Guardian and the BBC One Show.*
- *First year winner of the Duke of York's IDEA award for young entrepreneurs*
- *Worked alongside the bright minds at MIT, Harvard and Microsoft Research on a world first research project involving mental health and suicide intervention.*

Other Activities

- *Volunteered in a school in Southern India for 3 weeks over summer 2016 teaching conversational english to underprivileged kids from a local rural town*
- *A keen climber, photographer, scuba diver and swimmer.*
- *Currently training for a private pilot license as i've always had a passion for planes and aviation*