Hanna Söderlund

I am a full stack software developer with a particular interest in purpose-driven tech. I am keen to work across the stack and am interested in getting to know all phases of the development lifecycle. Prior to software development I have a decade of experience in the food and sustainability sector, as a project manager, data analyst, consultant and entrepreneur.

Born and raised in Sweden, I love the outdoors (especially a good forest walk on a crisp winter day). I am also a trained organic grower!

Projects

I'm currently studying software development at iO Academy, where I've worked on a range of projects as part of a Scrum team. You can see projects I've worked on in the flesh on my <u>Portfolio page</u> (https://bit.ly/3nEZYiZ). Below are my favourites to date!

Academy Portal (PHP with Slim, JavaScript, MySQL)

We worked with two other student development teams on a legacy codebase - the iO Academy portal where academy admins can follow an applicant's journey through application stages. Our Scrum team first worked on fixing two existing bugs, and then built functionality to lock applicant stages to prevent deletion and make the portal safer to use. We also worked on improving the usability of an option select modal, making it clearer to the user where in the process an applicant currently is and what stage is next. The project was built using the PHP framework Slim using the MVC pattern, and used namespacing and autoloading in line with PSR-12. We unit tested with PHPUnit and used Git for version control.

Aptitude Test (React)

For this project, we worked together with two other Academy dev teams on the same code base to rebuild a legacy project previously written in TypeScript. To make the application scalable, we created reusable components working in React. We fetched the data for the test using an existing RESTful API and built a dynamic front end to display the questions and answers using the React-Bootstrap component library and SCSS. To pass variables around our app we used useState() and props, and useEffect() to keep an eye on the score. Once the test was submitted the applicant's score was calculated and sent as a POST request to update the database.

Job History

Airtable consultant - School Food Matters, London   **May 2021 - July 2021**

I worked on building a data management and project tracking system for a five-year childhood obesity project in Lambeth and Southwark. I built this using Airtable, with functionality to manage workflow and track processes across 80+ schools, forms to submit different types of evaluation data, and templates for extracting data for reporting purposes. I also created documentation and ran several training sessions with the stakeholders.

Freelance consultant - Pale Green Dot, London   **Nov 2019 - July 2020**

I worked as a consultant to build a database to manage farm produce availability. As the hospitality industry closed in response to Covid-19, Pale Green Dot changed direction overnight, developing a vegetable box delivery service to replace the previously hotel and restaurant-only service. In response I took on the role of liaising between the newly formed customer service team and the more senior data management and technology team. I also helped set out the processes for handling delivery logistics and stock inventory, acted as the go-to for any technical queries, and ensured the data we collected was kept clean to ensure better reporting.

Project Coordinator & Grants Officer - School Food Matters   **Aug 2019 - Mar 2021**

Community Development Lead - Farmerama Radio.   **May 2019 - Aug 2020**

Project Manager - KERB Food, London   **Jan 2019 - Mar 2019**

Revenue Growth Analyst - Graze.com, London   **Mar 2018 - Feb 2019**

Project Manager - KERB Food, London   **Jan 2018 - Mar 2018**

Product and Business Insight Analyst - Itsu, London   **May 2017 - Nov 2017**

Founder & Director - Kimchinary, London   **Jan 2013 - Jan 2018**

Training & Skills

Full Stack Software Development - iO Academy   **Aug 2021 - Dec 2021**
HTML, CSS & SCSS, JavaScript, React, Node.js, REST APIs, PHP, MySQL, DRY & SOLID principles, unit testing, version control using Git

Certified ScrumMaster® (CSM®) - Scrum Alliance   **Sep 2021**

Data Analytics (SQL, Tableau & Excel)   **Nov 2016-Mar 2017**
- General Assembly
Advanced Excel, Intermediate SQL, Tableau data analysis and dashboarding. RFM modelling, CLV modelling, forecasting, database architecture

Education

Development Geography - King's College London   **Sep 2008 - Jun 2011**
First Class Honours. Received Santander grant for research in Brazil 2010, nominated for Head of Department's Prize 2011. Dissertation: Microfinance and its effect on small scale coffee farmers in Rosário da Limeira, Brazil.

UCSB Extension Programme - UC Santa Barbara   **Sep 2007 - Jul 2008**
GPA equivalent 3.9. One academic year with focus on economics and environmental studies.

Social sciences with focus on maths, economics   **Sep 2004 - Jun 2007**
and entrepreneurship - Wargentinskolan, Östersund, Sweden
Equivalent to UK A-levels.

Get in touch with me!

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