Hanna Söderlund

I am an aspiring full-stack software developer with a particular interest in design, database architecture and purpose-driven tech. I've long had a passion for using tech and data to solve practical problems and I am looking for a role where I can continue to learn and grow.

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 have recently finished a 16 week full-stack software development bootcamp at iO Academy, where I have 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 Portfolio page *(https://bit.ly/3nEZYiZ).*

Stock Tracking API (Node, Express, MySQL, Jest)
This was my final project, completed in the last week at iO Academy. Working in a Scrum team of four, we built a stock management API allowing the user, a warehouse manager, to add, edit, delete and retrieve product data and manage customer orders.
As we knew our data would be relational, we chose to use an SQL database. To make the API scalable, we generated a new SKU for each new product, and a unique order number for each new order. We also built functionality allowing the user to add a new order containing multiple products in varying quantities, which automatically updates the stock quantity available. To avoid duplicating data in the database, the API checks whether a customer already exists before adding an order. We used the Controller Services pattern for the architecture, and used Jest for unit testing where possible.

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 üseEffect() 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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