

SARA THAMPI

I am a friendly and approachable individual who thrives in collaborative environments. I was intrigued by my father's GW-Basic and QBasic manuals during my childhood, dedicating many hours to crafting my programs. I initially believed that a career in the tech sector was beyond reach. However, my passion for programming languages remained undiminished. Recognizing this enthusiasm, I enrolled in the School of Code bootcamp, reigniting my love for coding despite the hiatus. I would love to have an opportunity to explore my passion for programming further.

I also love to travel, particularly solo, low-budget, and self-organised. I have explored diverse destinations, such as Sudan, Guatemala, Taiwan, Laos, Belize, Romania, and Bosnia.

EXPERIENCE

School of Code - Home Horizon App 12/2023

- In a team of six, utilising pair programming, we built an app to assist homeless shelter staff with their jobs. We interviewed and surveyed real staff members and built an app based around their needs.
- We used Next.js and Supabase to build a service user database, that staff can use to view, add, and edit important information. Due to the sensitivity of this data, we implemented a login feature protected by an auth router to ensure that only registered users can gain access.
- We deployed the website on the first day of coding and worked on individual branches, submitting pull requests to ensure that our main branch only contained functioning code.
- Once we had completed our MVP, we invited a homeless shelter manager to test the app and implemented some of his feedback.
- I helped set up and maintain the databases in Supabase and then fetched this data in Next.js. I was responsible for setting up the dynamic routing, data validation and helped design the UI.
- We followed agile methodologies and split our work into weekly sprints.
- At the end of each sprint, we presented our work to our stakeholder and incorporated his feedback into our future sprint planning.
- We rotated our scrum leader daily. As a leader, I set out duties, wrote tickets (using a Kanban board), and conducted daily stand-ups and retros. Halfway through I helped lead an in-depth retro where we gave each other detailed individual feedback.

CONTACT:

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SKILLS

- CSS/HTML
- JavaScript
- React / Next.js
- Vitest/Playwright/Jest
- Git/GitHub
- REST APIs
- PostgreSQL
- Express.js
- Node.js
- Supabase

EDUCATION

Certificate in Computing and Mathematics
Open University
07/2008

Diploma in Audio Engineering
SAE Institute London
09/2006

MA (Hons) Scandinavian Studies and German
Edinburgh University
08/2000

A-levels: Mathematics, Physics, German

School of Code - CodeCampus Events App 10/2023

- Collaborated within a team of six to conceptualise and develop an app aimed at streamlining networking among bootcampers, many of whom were facing challenges while organising and communicating about events.
- I primarily focused on setting up the back-end API using Express.js, Node.js, and a Postgres database. I also helped code the frontend integration with the backend using JavaScript.
- Throughout the project, we embraced the driver-navigator approach, fostering a cohesive and efficient workflow. Additionally, we implemented agile methodologies, incorporating daily stand-ups, frequent retrospectives, and a Trello board to facilitate effective task distribution and enhance overall project coordination.

School of Code - Full Stack Web Developer 09/2023 - 01/2024

- As a Full Stack Web Developer at the School of Code, I honed my teamwork skills through dynamic collaboration within regularly-changing teams. I can work well with different personality types and recognise and value each team member's contribution.
- Utilising pair programming, effective planning, and computational thinking, I engaged in daily problem-solving to overcome coding challenges and build projects.

Watford New Hope Trust - Homeless Support Worker 04/2023 - Current

- Assisting individuals with learning difficulties and complex needs to use technology; Aiding them to apply for housing, benefits, and health support.
- As a team, we managed our own caseloads and carried out decision-making during periods without management.

Watford New Hope Trust - NRPF Homeless Support Worker 10/2021 - 04/2023

- Developed comprehensive support plans and risk and needs assessments.
- My job focused on assisting clients with immigration issues. As this was a new role, I was responsible for overseeing my own training and development. I centred this training around the needs of my clients.

Superdrug Stores PLC - Sales Adviser 08/2009 - 10/2021

- Effectively supported customers and handled dispute resolution. Trained new staff and adeptly multitasked in a frequently short-staffed environment. Developed great teamwork and communication skills.

Tesco Stores Limited - Sales Assistant 11/2001 - 08/2008**VOLUNTARY EXPERIENCE**

- **IHNFA Center in La Esperanza, Honduras. Childcare Worker**, 10/2008-12/2008, Organised and participated in activities with children from single-parent families. A fellow volunteer and I successfully taught a two-year-old to walk, who previously had to be carried like a baby.
- **Harrow Arts Centre, Steward**, 08/2012-12/2012
- **IFES, Admin Assistant**, 04/2001-10/2001. General admin duties utilising Word, Outlook, Access, and Excel.