

# Sharthak Rai

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## RELEVANT EXPERIENCE

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### Shopify Freelance Developer

Sept. 2021 – Present

*Upwork*

Remote, UK

- **Led front-end development** of a dashboard to process 50k blood samples and detect early-stage cancer
- Rebuilt a Quality Control product with input from 20 cross-functional stakeholders, **saving \$1M annually**
- Spearheaded product development of a new lab workflow tool, leading to a 40% increase in efficiency; shadowed 10 core users, iterated on design docs, and implemented the solution with one engineer

### Technology Internship Experience

Jul. 2020 – Aug. 2020

*Bright Network*

Remote, UK

- Worked on the Search Customer Experience Team; **received a return offer** for a full-time position
- **Shipped a new feature to 2M+ users** to improve the search experience for movie series-related queries
- Built a back-end database service in Java and implemented a front-end UI to support future changes

## EDUCATION

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### University of Nottingham

Sept. 2020 – Sept. 2021

*Masters of Science in Computer Science*

Nottingham, UK

**Modules:** Programming, System and Networks, Databases, Interfaces, Software Design Principles, Games, Data Modelling and Analysis.

### University of Nottingham

Sept. 2017 – Jun. 2020

*Bachelors of Engineering in Architectural Environmental Engineering*

Nottingham, UK

**Relevant Experience:** MATLAB, Simulink, Discrete Mathematics, Calculus, Design Engineering Group Projects, Thermodynamics and Fluid Mechanics.

## TECHNOLOGY STACK

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**Languages :** HTML/CSS, JavaScript (React.js), Liquid, Python, SQL (MySQL)

**Tools :** Figma, Notion, Jira, Trello, Miro, Google Analytics, GitHub, DaVinci Resolve, OBS

## INTERPERSONAL SKILLS

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- **Social Secretary at the UoN Thai-Boxing Society:** Responsible for organising and promoting several inclusive social events for the club (over 100 members). Assess the safety of proposed events and booked venues. Liaise with the committee membership on social events. Be a positive role model for all members of the club.
- **UoN Public Speaking Society:** Activities includes a great deal of debating, group brainstorming, building relationships, and public speaking. Participated in several competitions where I presented open-ended topics and stand-up comedy.
- **Tesco (Jul. 2017 - Dec. 2018) and Sportsdirect (Oct. 2014 - Sept. 2016):** Over three years of Retail experience which involved working under pressure in a hectic environment where I juggled several customers at once in order to meet their needs efficiently and effectively.