JASPER HAWARD

JUNIOR DEVELOPER

PERSONAL PROFILE

Junior software developer with a year of experience delivering single-page applications at BT. A driven, fast learner with a personal focus on high quality, organised code. Main expertise in React, JavaScript, and Python. Previously worked independently and in a scrum based team to deliver well documented bespoke applications.

INDUSTRY EXPERIENCE

Canadian Spa Company   September 2020 – Present

Full stack Developer

Working independently to reduce manual data input and customer waiting times. Focus on producing refined code using design patterns.

- Delivered a full stack application using ReactJS and Flask
- Incorporated file upload, data handling and Google Sheets
- Created a JavaScript/JQuery widget for Freshdesk
- Built a backend to handle multiple shipping carriers using Flask

BT Group PLC   September 2019 – July 2020

React Web Developer (Placement Year)

Worked in a team of three to deliver single-page applications using ReactJS. Emphasis on well structured, reusable code/components. Worked under the agile methodology, documented all contributions and presented final products.

- Delivered five single-page applications
- Produced over fifteen reusable components e.g. Chat widget, Emoji picker
- Aided the design and consumption of restful APIs
- Minor backend implementation with Node.js & MongoDB

Canadian Spa Company   July – September 2019

Software Developer

Worked independently to improve order processing after consulting with the CEO and colleagues. Taught myself Python, Django and the basics of web applications as needed.

- De-constructed several web applications
- Delivered a website combining API calls to track packages across multiple delivery services
- Wrote web scrapers to extract and insert information into spreadsheets
- Consumed multiple APIs (Google Sheets, Veeqo, XDP...)

Info

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Skills

Technical

- JavaScript, HTML, CSS
- ReactJS, Node.js
- Python
- Django , Flask
- MongoDB
- C & C++
- Source control with Git
- Windows, Linux/Unix

Interpersonal

- Team oriented
- Deadline-driven
- Remote working
- Time management

References

Available upon request.

PREVIOUS EMPLOYMENT

Canadian Spa Company   September 2018
IT Technician

Solved multiple network and software issues upon the CEO's request. Persuaded the CEO to invest in a purpose-built server and upgrades to colleague's PCs after noticing recurring problems.

- Upgraded office computers with SSDs & Windows 10
- Built a windows server with RAID storage
- Configured group policy, remote desktop, network sharing and an FTP server
- Troubleshot a wide variety of network and software issues
- Communicated with BT and software providers

Canadian Spa Company   July – August 2018
Electrical Pump Technician

- Tested faulty electric pumps/spas on arrival
- Identified the problem and replaced the concerned part(s)
- Liaised with a range of customers both via email and telephone regarding their product's fault and the repair cost

A1 Electrical Services   July – August 2017
Electrical Assistant

- Gained understanding of home and mains electricity
- Installed cabling, sockets & alarm systems

EDUCATION

MEng Computer Systems Engineering / University of Bath   2017 – Present
Modules covering programming, microprocessors, circuit theory and similar. On going.

A2 / AS Levels / Reigate Sixth Form College   2015 – 2017
A2 Levels, ABB – Maths, Further Maths and Physics
AS Levels, AAAB – Maths, Further Maths, Physics and Chemistry

GCSEs / Reigate Grammar School   2010 – 2015
11 GSCEs – 7 A*, 3A, 1B

INTERESTS & ACHIEVEMENTS

- Enjoy building PCs and modifying hardware
- Regularly help family and friends with computing issues
- Play chess online
- Competed in teams nationally and internationally within the video game Counter-Strike: Global Offensive
- Was a part of multiple shooting teams including the Surrey Rifle Association and the University of Bath Clay Shooting Society
- Volunteered at the Bluebell Railway to maintain steam locomotives