

# Kostas Kilda

## Software Developer

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Number: 07901675200

Location: Bristol



### About me

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I am a first-class computer science graduate with 6 months of industry experience, eager to explore new opportunities that will propel my career forward and enhance my skill set. With an industry background in developing user-friendly websites, tools and software, working with various APIs, building endpoints and webhooks, and automating daily tasks, I am actively seeking for a friendly environment where I can continue to grow professionally and contribute to creating innovative software.

### Education

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**Newcastle University** - BSc in Computer Science with Honours, Summer **2023** graduate.

- Overall average first class.

#### The Web Developer Bootcamp 2022

- Completed the web developer bootcamp 2022
- **Technologies and languages:** HTML5, CSS3, JavaScript, NodeJS, ExpressJS, AJAX, Bootstrap, SemanticUI, Unix, NPM, DOM manipulation, asynchronous JavaScript, Flexbox, responsive design.

### Work experience

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#### Junior software Developer

August 2023 – January 2024

**British Corner Shop** – went into administration

A small online eCommerce business, specializing in the global sale of British goods, with operations spanning within the United Kingdom and the Netherlands, and a dedicated team of around 50 people.

As a junior software developer, I actively contributed to diverse software projects, periodically taking the lead ensuring successful completion of tasks. My work involved utilizing a wide array of coding languages, including **Python**, **Node.js**, **ASP classic**, **Bash**, and **PowerShell**.

During my work I have successfully created multiple **web scrappers** using **Python** and **Node.js** that continuously gathered business crucial information to boost profits and help make informed decisions. Additionally, I developed **API integrations** for the core website using **Python** to establish payment sessions, retrieve payment information, and update transactions from **PayPal** and **Adyen** ensuring smooth and robust payment experience. Moreover, I implemented **webhooks** to capture customer payment details, guaranteeing that no payment data was lost.

I actively engaged with the core database using **MySQL** to generate reports and analyse data to help the business make insightful data-based decisions. Furthermore, I thoroughly **monitored** courier **API endpoint integrity** that were used daily to generate 10,000 shipment labels. Lastly, I assisted multiple departments within the company, by automating their daily tasks to boost their productivity. This involved developing user-friendly and intuitive software in **Python**, **Node.js**, **ASP Classic**, and **Bash** or **PowerShell** for low-end machines. Some of the software solutions were deployed to **Microsoft Azure** to achieve full and seamless task automation which further boosted productivity.

## Personal projects

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### Pathfinder visualiser

- **Project:** A visually interactive website that visualizes different search algorithms. The website has numerous functionalities, allowing users to create custom mazes and observe the algorithms' performance in real time.
- **Tools and languages used:** JavaScript, CSS, HTML.
- **Live website:** <https://kostaskilda.github.io/pathfindingVisualizer/>
- **GitHub:** <https://github.com/KostasKilda/pathfindingVisualizer>

### Weather application

- **Project:** The Weather Application is a dynamic website that provides real-time weather updates based on the user's current city, utilizing APIs for location detection and weather data retrieval.
- **Tools and languages used:** React, API's, JavaScript, HTML, CSS.
- **Live website:** <https://weather-beige-eta.vercel.app>
- **GitHub:** <https://github.com/KostasKilda/weather>

### YouTube video downloader

- **Project** A Python application that enables users to download YouTube videos using video or playlist URLs. The application utilizes CustomTkinter to deliver an aesthetically pleasing user interface.
- **Tools and languages used:** Python.
- **GitHub:** <https://github.com/KostasKilda/YoutubeDownloader>

## Technical skills

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- **Python** - Utilized Python during my employment to develop web scrapers, integrate APIs and webhooks, and conduct data analytics. Furthermore, Python was used for personal and University projects such as full-stack applications.
- **SQL** - Used SQL during my employment, where I successfully built, maintained and worked daily with relational databases. Additionally, I used SQL for similar purposes in university.
- **JavaScript, Node.js, HTML, CSS** - Were used during my employment to develop web scrapers and improve the core website design and functionality. Furthermore, I employed these languages to create visually appealing and interactive personal projects.
- **GitHub** - Utilized GitHub version control for personal, university, and team projects to ensure seamless collaboration, and safety of the code.
- **VBA** - During employment used VBA by creating macros and scripts for Excel in addition to working with ASP classic for the core platform.
- **NoSQL** - Possess a strong understanding of NoSQL databases, including their benefits, advantages, and disadvantages.

## Soft skills

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- Collaborated seamlessly with the developer team and project managers to successfully deliver high-quality industry software, enhancing my **teamwork** and **communication** skills.
- Exhibited exceptional **critical thinking** by swiftly making well-informed decisions with limited information.
- Showcased **creativity** and **UI design** through the development of visually appealing websites.
- Demonstrated exceptional efficiency in conducting thorough research.
- **Fluent** in **English** and **Lithuanian** for effective communication in diverse settings.