

BEKIR KUSCU

Email: bekir@bekirkuscu.com | [LinkedIn](#) | [GitHub](#) | [Blog](#) | [Website](#)

Personal Profile

I am a versatile graduate/junior developer with extensive experience across multiple fields offering a unique perspective to tackle diverse challenges and contribute innovatively to project success and enjoy learning and resolving technical complex issues as it takes me outside of my comfort zone. My personal belief is that we learn better when we work outside of our comfort zone.

Technical Skills

React, TypeScript, C#, JavaScript, Python, SQL, Node.js, CSS, Bootstrap, HTML5, SQL, CSS3, Real-Time Object Detection Algorithm (YOLOv8), Data Science and Machine Learning (Kaggle), Computer Vision Framework (Roboflow), Figma.

Projects

MM-Code (Has active users) | Feb. 2023 – Present

Multilingual Exercises for Syntax Familiarity and Muscle Memory

- Inspired by deep practice, this project addresses programming challenges by fostering intuitive coding through repetition and focus. The platform features tailored exercises I created, prompting users to frequently write out code in various languages, enhancing visual familiarity with the syntax and embedding it into muscle memory.
- I assembled a team of over 12 advisors and contributors from organisations including JPMorgan, Google, Slack, British Gas and CodeYourFuture.
- Through a disciplined and passionate journey, I worked on both the front and back end to bring this project to life, utilising languages and frameworks including React (JavaScript), PostgreSQL, SQL, Node.js (JavaScript), Auth0, CSS and Bootstrap.
- Trademarked and domain name secured. Verified users are on the platform.
- Showcased the project at various boot camps across the UK, consistently receiving positive feedback including; "I will be suggesting this to my students!" and "this is very clear and simple to use for all ages, this would help me and my kids!".
- Employing the Agile framework, we held regular meetings, used project boards effectively, and managed the creation, allocation, and completion of tasks throughout our journey.

Eco Scan | GitHub Repo: https://github.com/Mr-DEM1R/1.618_AI

Innovative AI-Powered Waste Management Solution

- Led by a Project Manager from Wells Fargo and a technical lead from Capgemini, facilitated agile project management encompassing project board oversight, issue resolution, ticket management, and daily stand-ups.
- Conceptualised and executed a global sustainability initiative utilising AI. Developed an innovative system allowing users/organisations to upload images for real-time recyclability assessment, distinguishing recyclable from non-recyclable items, with specific material classification (e.g., 'metal' and 'paper').
- Leveraged Python, OpenCV, YoloV8, Kaggle, Roboflow, and Streamlit.

Booking/Management System|GitHub Repo: https://github.com/BEKIRKSU/animal_farm

Effectively Coordinating Reservations and Data Management

- Designed and implemented a comprehensive Booking/Management System to streamline operations for managers and enhance user/volunteer experience.
- Implemented a robust data management system using MySQL to securely store user information. Managers can easily access and analyse data to make informed decisions.
- Developed an intuitive web interface, harnessing the power of HTML5, CSS3, and React.js, to deliver a seamless and user-friendly digital interaction.

Revolutionising Resumes/CV's | GitHub Repo: <https://github.com/BEKIRKSU/CV.O>

A Fresh Approach to modern day Resume's and CV's

- A system where individuals can quickly generate professional-looking CVs by simply filling in designated sections. This eliminates the hassle of manual formatting and design decisions.
- This one-click approach to CV reading optimises the recruiter's experience by providing an easily digestible and visually appealing representation of candidates' qualifications, experience and more.
- Leveraged modern web technologies including HTML5, CSS3, and React.js to create an interactive and responsive platform.

Snake Game | GitHub Repo: https://github.com/BEKIRKSU/snake_game

- Developed the classic 'Snake Game' using Python, delivering an engaging and vintage gaming experience.

Education

Trainee Full-Stack Software Engineer

CodeYourFuture (Bootcamp) | October 2022 – Present

- Developing full stack projects from scratch with the guidance of professionals, using JavaScript, React, Node, PostgreSQL, SQL, Python, CSS, and Bootstrap.

University of Hertfordshire 2020

BA (Hons) Economics Class of Degree 2:1