

Balram Singh

balram_Singh08@hotmail.com ❖ 07495644660 ❖ [linkedin.com/in/balram-singh-852419245/](https://www.linkedin.com/in/balram-singh-852419245/)

PROJECTS

TrashToTreasure | <https://trashtotreasure.ondrender.com>

- Spearheaded the development of TrashToTreasure web app using agile methodology with a team of 5g.
- User interface was built using **JavaScript/HTML/CSS**
- Implemented an authentication system, personal listings feature, and an integrated commenting system all using **Node.js** and **Express** to setup a backend that uses RESTful API

Refactory | <https://github.com/bobzila1202/backend/>

- Collaborated with a team of 5 using agile methodology to create an interactive coding learning game with the aim of teaching players the language **Python**
- Developed randomized encounters, a scoreboard with data being tracked by using **SQL**
- Implemented a login system for users managed with **RESTful API** and a backend built with **Node.js** and **Express**

SzndChef | <https://szndchef.netlify.app/>

- Architected and executed the creation of SzndChef, a dynamic full-stack seasonal recipe website
- Led a team of 5 in an agile environment
- Leveraged **SQLAlchemy** for efficient data management and **React** for an immersive user interface
- A complex backend coded using **Python** in a **Flask** framework
- Achieved 90% coverage with test automation using **Pytest** and **Vitest**

WORK EXPERIENCE

La Fosse Academy

Jul 2023 – Oct 2023

Software Engineer Trainee

- Completed a 12-week intensive training program in web development, architectural design, and infrastructure whilst building full-stack projects
- Took charge of code structure and enforced clean code and orthogonality, while embracing Agile methodologies and collaborating within teams of 5
- Successfully Handled back-end and front-end automated testing for React, JavaScript and Python achieving high test coverage of 90% or more, building confidence for my team in the application being developed

Footlocker

Oct 2022 – Dec 2022

Sales Associate

- Worked effectively within a team and sometimes took leadership to distribute workload when necessary, achieving team KPI and increasing store sales by 10%.

EDUCATION AND CERTIFICATIONS

La Fosse Academy

Jul 2023 – Oct 2023

Software Engineering Training

Chobham Academy Sixth Form

Sep 2014 – Jul 2016

A levels (Maths and Chemistry)

SKILLS

- **Languages:** Python, JavaScript, HTML, CSS, SQL
- **Frameworks and Libraries:** React, Node.js, Express.js, Flask, Jest, SuperTest, Vitest, Pytest
- **Tools:** Git, Docker, CI/CD, Test Automation, SQLAlchemy, MongoDB
- **Soft Skills:** Adaptability, Collaboration, Communication, Resilience, Problem-solving