

## SOFTWARE DEVELOPER

### Programming Languages | Full Stack Development | Software Development Methodologies

**Objective:** To leverage my strong technical skills, extensive knowledge of programming languages, and experience in software development methodologies, in order to contribute effectively to a dynamic and innovative software development team.

**Personal Profile:** Accomplished, passionate, and self-motivated Full Stack Software developer. Adept at leveraging my diverse background to bring a unique perspective to software development projects. Proven ability to analyse complex problems, design innovative solutions, and deliver high-quality code within demanding timelines. Skilled in multiple programming languages, including JavaScript, Python, and SQL, with a strong focus on full-stack development. Committed to staying updated with the latest industry trends and technologies to continuously enhance my skills. A collaborative team player who thrives in fast-paced environments, fostering effective communication and teamwork to drive project success. Seeking an opportunity to leverage my expertise and passion for software development to contribute to the growth and success of a dynamic organisation.

- HTML
- PostgreSQL
- Heroku
- GitHub
- Git
- Flask
- Django
- Bootstrap
- CSS
- Git
- Cloud computing
- API
- Agile methodologies
- Software testing
- Problem-solving
- Full stack development
- JavaScript
- Adaptability & Flexibility
- Backend development
- Technical support
- Excellent Customer Service
- Security & vulnerability assessment
- Project management

## Major Projects

**Stuff Express - E-Commerce website (Full Stack) - <https://github.com/BogdanCatalin-Iacob/Stuff-Express>**

- GitHub
- Technologies Used - HTML5, CSS, Bootstrap, Python, Django, PostgreSQL, Heroku, AWS for media storage, Stripe API for real payments.

**Food Fiesta - Recipes website - <https://github.com/BogdanCatalin-Iacob/Food-Fiesta>**

- GitHub
- Technologies Used - HTML5, CSS, JavaScript, Materialize.css, Python, Flask, PostgreSQL, MongoDB, Heroku.

**Tetris - Interactive game - <https://github.com/BogdanCatalin-Iacob/Tetris>**

- GitHub
- Technologies Used - HTML5, CSS, JavaScript.

**Mountain Hiker - Mountain hiking event website - <https://github.com/BogdanCatalin-Iacob/mountain-hiker>**

- GitHub
- Technologies Used - HTML5, CSS.

## Professional Experience

### Freelance, Newport, Wales

#### Junior Full Stack Web Developer

Jul 2023 – Present

- Design, program, build, deploy and maintain software using many different skills and tools.
- Build front-end app using JavaScript, HTML and CSS.
- Build back-end app using Python (with Django framework for web apps).

### Burton's Biscuits, Llantarnam, Wales

#### Machine Operator

Jan 2021 – Present

- Inspecting and calibrating equipment to maintain optimal performance and prevent malfunctions.
- Troubleshooting and resolving minor technical issues to minimize downtime and maximize productivity.
- Loading raw materials into machines and monitoring the flow of materials throughout the production line.

- Conducting regular quality checks on finished products to ensure they meet quality standards and specifications.

### *Stagecoach West UK, Cheltenham, England*

#### **Bus Driver**

**June 2019 – Jan 2021**

- Operated a passenger bus, ensuring the safe and timely transportation of passengers to their destinations.
- Adhered to all traffic regulations and maintained a clean driving record throughout employment.
- Assisted passengers with boarding and exiting the bus, providing courteous and helpful customer service.
- Conducted pre-trip and post-trip inspections of the bus, identifying and reporting any mechanical issues or maintenance needs.

### *Muller Milk & Ingredients*

#### **Staff Trainer**

**October 2018 – June 2019**

- Conducted comprehensive training programs for new staff members, ensuring they were equipped with the necessary skills and knowledge to perform their job duties effectively.
- Developed training materials, including presentations, manuals, and interactive modules, to facilitate the learning process and enhance understanding.
- Implemented training assessments and evaluations to measure the effectiveness of the training programs and identify areas for improvement.
- Collaborated with subject matter experts and department heads to identify training needs and develop customized training plans to address specific skill gaps.

### *Danone*

#### **Shift Manager**

**April 2013 – March 2016**

- Resolved customer inquiries, complaints, and issues promptly and professionally, ensuring high levels of customer satisfaction.
- Implemented process improvements to enhance operational efficiency, resulting in cost savings and increased productivity.
- Developed and implemented efficient work schedules, ensuring optimal coverage and productivity.
- Monitored and maintained inventory levels, ensuring adequate supplies for operational needs.

## **Hackathons**

### ➤ **October Hackathon - Phantom Forge**

**October 2023**

Participated in a 5 days hackathon focused on creating Halloween theme app.

- Developed a mini game using Kaboom.js
- Collaborated with a team of developers to create a functional prototype.

## **Educational Qualification**

### ➤ **Code Institute-Gateway Qualification Level 5 (Ofqual Qualifications Wales)**

**October 2021 – January 2023**

Diploma in Full Stack Software Development

### ➤ **Cardiff & Vale College-Qualification Wales Level 2**

**March 2021 – September 2021**

Certificate in Data Management Software (SQL)

## **Volunteer Experience**

### *IT Solutions VIP*

#### **Volunteer (Computer Repairs)**

**2016 - 2023**

- Assisted in diagnosing hardware and software issues, identifying problems and finding appropriate solutions.
- Conducted computer repairs, including hardware upgrades, component replacements, and system installations.
- Installed and configured operating systems, software applications, and drivers on various computer systems.
- Performed virus and malware removal, ensuring the security and integrity of the systems.

## **Language**

- Romanian
- English