

# Kristijonas Chmieliauskas

| [Kristijonas.ch@gmail.com](mailto:Kristijonas.ch@gmail.com) | Kildare, Co. Kildare, Ireland | Online Portfolio |

---

A recent graduate with a Bachelor's degree in Software Design with Artificial Intelligence for Cloud Computing from Technological University of the Shannon. With a solid foundation in full-stack development, including proficiency in object-oriented programming languages such as Java, Python, and PHP. Experienced with technologies such as Node.js, React.js, and MySQL. Hands-on experience spans both front-end and back-end development, relational databases, secure authentication, RESTful API creation, and Agile methodologies acquired during academic studies. Eager to continue learning and apply skills to develop effective software solutions in a dynamic environment.

---

## SKILLS

**Back-End Development** | Java ▪ Python ▪ PHP ▪ Postman ▪ XAMPP  
▪ Node JS ▪ Slim-Framework ▪ Express.js

**Front-End Development** | CSS ▪ JS ▪ jQuery ▪ Bootstrap ▪ AJAX  
▪ React.js

**Database Development** | MySQL ▪ MySQL Workbench

**Tools & Miscellaneous** | Photoshop ▪ Blender ▪ Game Maker Studio ▪  
Linux

**Version Control** | Jira ▪ GitHub ▪ Git ▪ Bash Terminal

## WORK EXPERIENCE

### Gala Petrol Station

*24 August 2015 – 22 January 2017*

- Worked flexible 8-hour shifts, including mornings and evenings.
- Updated daily sales in the database and managed customer credit accounts.
- Performed cash drops to the safe and handled opening/closing as a key holder.

### C3 Marketing

*10 January 2015 – 5 April 2015*

- Conducted door-to-door sales and fundraising for the Irish Cancer Society.
- Met daily target of 120+ doors knocked and weekly sales goals.
- Educated potential donors and handled objections.
- Participated in team meetings to discuss strategies and share best practices.

## EDUCATION

**Technological University of the Shannon, Athlone, Co. Westmeath**

BSc in Software Design with Artificial Intelligence for Cloud Computing.  
2020 – 2024

**St. Conleth's Community College, Newbridge, Co. Kildare**  
FETAC level 5 in Business and IT.  
2015 - 2016

**St. Attracta's Community School, Co. Sligo.**  
2007-2013

## COURSE MODULES

Software Development (Java)  
Networking  
Mathematics for Software Design  
Game Development  
Computer Applications  
Software Development (Python)  
Web Development  
Software Engineering  
Databases  
Mobile Application Development  
Agile Methodologies  
Server-Side Web Development  
Ops Systems & Concurrency  
Data Visualization  
Data Mining & Machine Learning  
Management & Organizational Behaviour

## PROJECTS

### Full-Stack Development: HDD Destruction Website (2023) – Team Project

- **Description:** Developed a Full-stack website for a local business specializing in HDD destruction.
- **Technologies:**
  - **Front-End:** HTML, CSS, JavaScript, AJAX, jQuery (DataTables library), Bootstrap.
  - **Back-End:** PHP (PDO), Slim Framework.
  - **Database:** MySQL.
- **Key Contributions**
  - Designed the website structure with reusable PHP components for the header and footer.
  - Implemented a robust registration and login system, and designed a relational database schema.
  - Developed staff management features, including CSV data import and signature capture for HDD collection.
  - Integrated camera functionality to document the destruction process and generate proof-of-destruction certificates.
  - Led the project as Scrum Master, overseeing progress with Jira and managing version control with GitHub.
  - Created RESTful APIs using Slim Framework for CRUD operations, tested via Postman.

### Full Stack Development DogoHome Platform (2024) – Individual Project

- **Description:** Developed DogoHome, a (MySQL)ERN Stack web application designed to connect users with local animal shelters. The platform allows users to report lost or found pets, browse shelter profiles, and manage animal adoption listings. Shelters can manage animal profiles and engage directly with the community, improving the chances of pet reunification and adoption.
- **Technologies Used:**
  - **Front-End:** React.js, React-Router-Dom, Formik, Yup, Axios.
  - **Back-End:** Node.js, Express.js, CORS, Bcrypt, Jsonwebtoken.
  - **Database:** MySQL2, Sequelize, Sequelize-cli.
- **Key Contributions**
  - Implemented secure authentication using JSON Web Tokens (JWT), ensuring safe user and shelter interactions.
  - Designed and developed RESTful APIs for handling CRUD operations related to users, shelters, animals, posts, and comments.
  - Utilized Agile methodology for iterative development, ensuring continuous improvement and timely feature releases.
  - Conducted extensive testing, including unit, integration, and user acceptance testing, using tools like Insomnia and Postman.
  - Managed version control using Git, facilitating smooth collaboration and code management throughout the project's life cycle.