

# Stephen Harrold CV

## Junior Full Stack Software Developer

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### Personal Summary

I am a highly motivated junior full stack developer currently working for software consultancy firm Version 1. My skills cover the full stack of application development. In my current role I utilize frameworks like Angular for front-end development and Java's Spring for back-end implementation. My expertise is not limited to Java, I have also previously developed full stack applications using the Python Django framework. I have considerable experience working on large scale application development, both on the development side and business side.

### Skills

- **Front End:** Angular, Typescript, Javascript, HTML, CSS, Bootstrap, jQuery
- **Back End:** Java, Spring Boot, JPA, Hibernate, Python, Flask, Django, MongoDB, MySQL, PostgreSQL
- **DevOps:** Git, Bash, JIRA, Maven, Bamboo, Docker, Weblogic, Heroku, Render
- **Other:** REST API, Domain Driven Design, NodeJs, Spring MVC, JSP, XML, IntelliJ, VSCode, Postman, Excel VBA, RPA (UiPath), SAP, CRM (Microsoft Dynamics), MATLAB
- **Transferable Skills:** Problem Solving, Keen Learner, Project Management, Public Speaking, Leadership, Change Management, Communication, Adaptable

### Education

#### 2021 – 2022: Diploma in Full Stack Software Development, Code Institute (Part Time)

- Learning a variety of front and back-end technologies and using these skills to complete "milestone" projects for assessment with help of industry experienced senior mentor
- Technologies covered: HTML, CSS, Javascript, jQuery, Bootstrap, Git, Python, Flask, Django, MySQL, MongoDB, Heroku

#### 2017 – 2018: Masters' Degree in Mechanical and Manufacturing Engineering, Trinity College Dublin, Grade: 72% - Award and Pass

- Completed research dissertation 'Forward Dynamics Modelling of Head Kinematics in Rugby' which involved assessing the accuracy of using crash simulation software MADYMO to detect and prevent concussion in rugby

#### 2013 – 2017: Bachelor's Degree in Mechanical and Manufacturing Engineering, Trinity College Dublin, Grade: 67% - Upper Second Class Honours (2.1)

### Projects

#### Completed Projects:

##### Holiday Review Website

- › Full stack CRUD application created for third "milestone" project for Code Institute course. Received **Merit** grade
- › **Technologies used:** Python, Flask, MongoDB, HTML, CSS, JavaScript, Heroku
- › Github Link: <https://github.com/steharr/ms3-holiday-review>

##### Escape the Chase

- › Web browser Javascript chasing game with Java Spring back end. Connected to ElephantSQL database for score leaderboards
- › **Technologies used:** Spring MVC, Thymeleaf, Javascript, Spring Data, JPA, PostgreSQL, ElephantSQL, Render
- › Github Link: <https://github.com/steharr/chase-game>

### Cat and Mouse JS Game

- › Previous incarnation of 'Escape the chase' game done for course. Front end only.
- › Submitted as second "milestone" project for Code Institute course. Received **Merit** grade
- › **Technologies used:** HTML, CSS & JavaScript
- › Github Link: <https://github.com/steharr/ms2-cat-and-mouse-game>

## Work Experience

### **Jan 2022 – Present: Java Developer, Version 1, Department of Agriculture, Food and the Marine (DAFM)**

- Working on 'BISS' (Basic Income Support for Sustainability) application used by Irish farmers nationwide to apply for payments and schemes provided by Irish government.
- Using **Java Spring** framework for **REST API** back-end development and **Angular** framework for the front end
- Collaborating with stakeholders to refine requirements in **JIRA**
- Developing, testing and maintaining new and existing features in BISS application
- Applying Domain Driven Design (DDD) concepts in the back end to help create robust and agile infrastructure
- Maintaining builds and releases into Development, Testing and UAT environments using **Bamboo**.

### **April 2021 – Jan 2022: Order Management Key User, Infineon Technologies**

- Product owner for global **RPA** (Robotic Process Automation) shipping bot which automated ~10,000 weekly supply chain shipments in **SAP** ERP system
- Determined requirements for multiple change requests in collaboration with business and development team
- Conducted user acceptance testing for changes and debugged issues
- Also worked as **VBA** Developer automating various manual tasks incl. report generation, database maintenance & email sending.

### **April 2019 – April 2021: Transition Coordinator, Infineon Technologies**

- Coordinated set up of **SAP** order management team to support employees in six offices across Europe
- Primary change agent for European region collaborating with employees of all six offices; promoting progress, communicating updates and addressing feedback
- Worked on standardizing processes, contributed to **RPA** automation projects & developed **VBA** macros to automate spreadsheet workflows

## Hobbies and Interests

### **Sport**

- Soccer player – Regularly participate in 5 a side matches with friends. I've previously managed and played for social 11 a side team while in university.
- Former rugby player – Represented my province (Leinster) at youth level. Won Leinster Schools Senior Cup in 2012 with my school team.

### **Art**

- I enjoy painting and drawing in my spare time. I also enjoy going to museums and attending drawing classes. During my time in university, I worked for commission on various painting projects for friends and family.

*References available upon request*