James Railton
Junior Software Engineer

Phone – On Request | **Email –** On Request | **Location –** London, UK
LinkedIn – www.linkedin.com/in/james-railton/ | ⊘ GitHub | ⊘ Personal Webpage

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PROFESSIONAL SUMMARY

I am a motivated individual who loves taking on new challenges. I have refined my technical and soft skills through personal and team-based projects, work experiences, and online courses. My unique problem-solving approach enables me to create innovative solutions for any issue or project that I work on. I am eager to use my skills to contribute effectively to various projects, teams, and clients in a professional IT environment.

SKILLS

- **Technical skills –** Python | Flask | C# | ASP.NET | JavaScript | HTML | CSS | Cybersecurity | Cloud Computing | Computer Networking | Linux | CI/CD | Agile Development | Git | Docker

- **Soft Skills –** Creative Thinking | Problem Solving | Growth Mindset | Teamwork | Mindfulness |

EDUCATION

North East Surrey College of Technology (NESCOT)   *09/2021 – 07/2023*
Course – OCR RQF Level 3 Cambridge Technical Extended Diploma - IT
Grade – Distinction* Distinction* Distinction* (D*D*D)
Activities & Awards:
- Awarded student of the year for the computing department 2021-22
- President of computing society
- Vice President of computing department LGBTQIA+ & neurodiversity societies
- Student council representative & college open event volunteer for the computing department

City of Westminster College (CWC)   *09/2020 – 07/2021*
Course – Pearson RQF Level 3 BTEC Foundation Diploma - Applied Science
Grade – Merit (M)
Activities & Awards:
- Student council representative for the science department

Reigate College   *09/2019 – 07/2020*
Course – GCSE
Grade – Maths - 5 *(Higher)*

Reigate School   *01/2015 – 07/2019*
Course – GCSE
Grade – 8 GCSE's Grades 7 - 4
- Combined Science – 7/7
- English Language – 5
- Maths – 4 *(Foundation)*
Activities & Awards:
- Student council representative for the humanities department
- Co-president of the Reigate School model rocketry and aviation society

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PROFESSIONAL DEVELOPMENT

Online courses completed – Python Essentials 1 | Python Essentials 2 | Git and GitHub Basics | Cloud Computing Fundamentals | Introduction to Cybersecurity | Cybersecurity Essentials | Networking Essentials | DevOps Basics for Everyone | NDG Linux Unhatched | NDG Linux Essentials | Agile Explorer | IBM Cloud Essentials V3 | Explore Emerging Technology | Working in a Digital World: Professional Skills | Enterprise Design Thinking Practitioner | Job Application Essentials | Explorations into Mindfulness

EXPERIENCE

Volunteer Administrative Assistant – NHS   *Redhill, Surrey   10/2023 – Present*
Role & Tasks:

- I support East Surrey Hospital's medical resourcing team by performing both physical and digital administrative tasks, ensuring the department functions efficiently.
- Digitised all physical copies of the hospital's bank doctor employee records, which reduced the record retrieval time by 70% and improved overall efficiency within the department.
- Conducted an Inter Authority Transfer (IAT) project to ensure current employee records are up-to-date, enabling accurate allocation of annual leave.
- Participated in various NHS volunteering events both at the hospital and within the local community.

Coding Job Simulation on Forage – Accenture   *Remote   11/2023 – 11/2023*
Role & Tasks:

- A job simulation with Accenture where I supported a software development team's workflow with Java-based development, Jenkins automation, and Agile planning.

Cisco Industry Placement – Cisco Systems   *Feltham, London 01/2023 – 02/2023*
Role & Tasks:

- I worked in teams of students, both on-site and virtually, to successfully deliver IT-based projects assigned by company employees within their allocated timeframe.

PROJECTS

Project Sakura   *10/2023 – 12/2023*
Description:

- A personal use web application and inventory management system that catalogues food products by taking scanned barcodes and using the OpenFoodFacts API to obtain product data, which is then stored within a database. An AI model is also connected to the web application to provide services such as additional product information and recipes that can be made using the product.

Technologies used:

- Python / Flask, DigitalOcean Apps, MongoDB, GitHub, Open FoodFacts Python SDK, OpenAI GPT 3.5 API, Google Cloud OAuth and Bootstrap5

VisionForEwell Community Website   *04/2022 – 05/2022*
Description:

- A responsive and interactive website developed with Bootstrap5 for the Ewell Village community group to serve as a central hub for the local community.

Technologies used:

- HTML / CSS / JavaScript, Boostrap5, Fotorama API, Leaflet JavaScript Library (Powered by OpenStreetMap) and GitHub

INTERESTS

- Aviation | Cloud Computing | Disability Awareness | Engineering | Travelling | Cycling | Golf | History | Computer Gaming | Emerging Technologies | Volunteering | Amature Photography

LANGUAGES

- **British English** – Native/Fluent | **British Sign Language (BSL) –** Beginner