

Junior Developer

Junior Developer with a Diploma in Information Technology and practical experience in designing, developing, and deploying responsive web applications using HTML, CSS, JavaScript, PHP, and RESTful APIs. Proven ability to build interactive digital solutions through structured project work, including portfolio websites, API-driven applications, and browser-based games. Strong foundation in analytical thinking, problem-solving, and data interpretation developed within a technical environment. Adept at translating requirements into functional solutions, troubleshooting technical issues, and working with stakeholders to ensure reliable outcomes.

CORE COMPETENCIES

Web Application Development | Interactive Mapping Applications | API Integration & Data Aggregation | Real-Time Data Processing
Software Testing & Quality Assurance | Responsive Design Implementation | Application Lifecycle Support | Database Interaction
Front-end Interface Design | Back-end Logic Implementation | System Troubleshooting & Debugging | Technical Documentation
User Experience Enhancement | Cross-Functional Collaboration

TECHNICAL SKILLS

Frameworks & Libraries: Bootstrap | jQuery | LeafletJS

Programming Languages: JavaScript | PHP | Python 3

Front-End Development: HTML5 | CSS3 | Bootstrap | jQuery | Responsive Web Design | DOM Manipulation | UI Development

Back-End Development & APIs: PHP Development | RESTful API Integration | AJAX | JSON Processing | Client-Server Architecture

Tools, Practices & Concepts: Git | Visual Studio Code | Debugging | Troubleshooting | Object-Oriented Programming (OOP) | Event-Driven Programming | Performance Optimisation

KEY PROJECTS

Gazetteer | [Live at](#)

- Developed an interactive web-based mapping application using LeafletJS, enabling users to access real-time country intelligence, including weather conditions, exchange rates, geographical insights, and other location-specific information.
- Designed and implemented a responsive user interface using HTML, CSS, JavaScript, jQuery, and Bootstrap, enhancing user engagement through intuitive navigation and dynamic modal-driven content presentation.
- Integrated multiple third-party RESTful APIs and employed AJAX-driven data exchange, delivering accurate real-time information while guaranteeing seamless communication between client-side and server-side components.
- Engineered efficient PHP-based data processing and JSON handling functionality, extracting and transforming relevant datasets to optimise application performance and minimise resource utilisation.
- Strengthened application resilience through robust error-handling and service continuity mechanisms, ensuring reliable operation and a consistent user experience during external API outages or service disruptions.

Memory Game | [Live at](#)

- Developed and delivered a fully functional browser-based memory game as an independent project, demonstrating strong front-end development expertise and the ability to translate concepts into engaging web applications.
- Engineered core game mechanics, including card randomisation, match-detection algorithms, attempt tracking, and game-state management to assure seamless functionality and an intuitive user experience.
- Leveraged JavaScript and jQuery to implement dynamic DOM manipulation and event-driven interactions, creating a responsive and interactive gameplay environment.
- Enhanced application usability and visual presentation through effective use of HTML, CSS, and Bootstrap, providing a polished, mobile-responsive interface aligned with modern web design standards.

WORK EXPERIENCE

University of Reading, Reading, UK | Aug 2016 – Apr 2025

Teaching & Research Technician | Jul 2022 – Apr 2025

Supported the successful delivery of teaching, research, and specialist projects by coordinating activities, managing competing priorities and collaborating with a range of stakeholders. Maintained high standards of compliance, accuracy, and operational effectiveness through the preparation of technical documentation, risk assessments, and detailed operational records.

- Ensured the uninterrupted delivery of teaching and research activities by resolving complex technical and operational challenges through systematic troubleshooting and analytical problem-solving.
- Strengthened research and educational outcomes through the interpretation and analysis of scientific data, assisting in evidence-based decision-making, project delivery, and academic objectives.
- Improved operational efficiency, reliability, and service quality through the effective management of scientific instrumentation, software systems, and technical resources.

Teaching & Research Technician (Trainee) | Aug 2016 – Jul 2022

Demonstrated strong organisational, communication, and analytical problem-solving capabilities while operating within a highly regulated environment.

- Increased the efficiency and reliability of teaching and research operations through the effective preparation, maintenance, and operational assistance of laboratory facilities.
- Strengthened laboratory performance and service continuity by delivering equipment setup, maintenance and technical troubleshooting within a controlled and highly regulated environment.

ADDITIONAL EXPERIENCE

Cook | University of Reading, Reading, UK

Front of House / Kitchen Assistant | University of Reading, Reading, UK

Line Cook / Dishwasher | TGI Fridays, Reading, UK

Warehouse Operative (Voluntary) | 3663 Food Services, Reading, UK

General Assistant | The Plaiice, Reading, UK

EDUCATION

Bachelor of Science in Natural Sciences (Chemistry)

The Open University

Diploma in Information Technology

Zenos IT Training Academy

COURSES

Full-Stack Engineer Career Path | JavaScript | Python 3 | PHP | Bootstrap | jQuery | Java | C#

Codecademy, 2025