**KIM RICHARDS**

**Full-Stack Developer| Final Year Computer Science Student**

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**Profile Summary**

A driven and detail-oriented final-year Computer Science student with a strong foundation in software engineering and the Software Development Life Cycle (SDLC). Experienced in designing, developing, and delivering software solutions that meet user needs while adhering to best practices. Passionate about embracing Agile methodologies to enhance productivity, communication, and project success. Eager to pursue technical certifications and professional growth opportunities to advance my career. I have a solid understanding of software testing and quality assurance processes, and I am committed to continuous improvement in all areas of software development. Enthusiastic to contribute to innovative, user-focused solutions as part of a dynamic team.

**Key Skills**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| * **Java** * **C** * **HTML/HTML5** * **CSS 3** * **JavaScript/TypeScript** * **SQL/NoSQL** * **Python** | * **React** * **C#** * **AWS/Microsoft Azure** * **Git/Github** * **Unit Testing** * **Android Development** * **Oracle** | * **Visual Studio** * **PHP** * **Adaptability** * **Teamwork/Collaboration** * **Communication** * **Motivated** * **Solution-focused** |  |  |

**Education**

**AI-Driven Software Engineering Bootcamp – IN4 Group**

**December 2024 – Present**

Industry-aligned program covering full-stack development, artificial intelligence, and cloud computing fundamentals. Delivering results through hands-on labs, group projects, and client-facing assignments, demonstrating strong technical and project management skills.

Core Topics: React, JavaScript, Python, AI/ML, SQL, Microsoft Azure, HTML/CSS, Flask, Django, APIs.

**BSc Computer Science with Foundation Year**

**September 2021 – 2025 | University of Wolverhampton**

Expected 1st

**IBM MQ Developer Essentials (November 2023)**

**AS Levels/GCSEs**

**2010 – 2016 | Aylesford School and Sixth Form College, Warwick**

* AS Levels: EPQ (A\*), Mathematics (A), Further Mathematics (B), Computer Science (B)
* GCSEs: 3A\*s (Mathematics, Computer Science, IT), 9As

**Recent Projects**

**Java Quiz Application**

Quiz application in Java with a GUI for both users and administrators and MySQL database backend.

**Android (Java) Blogging Application**

Create, view and manage blog posts, integrating SQLite for offline storage and media handling for images.

**PWA vs Native Mobile Applications**

Developed a PWA and Android app, incorporating Web APIs (Geolocation, Camera) to evaluate UX differences, achieving performance parity in key functionalities.

**Image Processing**

Multi-threading application using Pthreads, CUDA, and OpenMP for parallel processing and performance optimization in C.

**Work Experience**

**Accounts Payable Administrator / Accounts Assistant / Sales Ledger Clerk / Credit Control Assistant**

*May 2024 – Present | Unimetals, Remote*

*December 2022 – December 2023 | The Edwards Company, Wolverhampton*

*May 2017 – August 2021 | City Electrical Factors, Kenilworth*

Developed analytical and organisational skills by managing high volumes of transactions, ensuring accurate data records and financial reporting.

* Attention to Detail
* Self-Management
* Time Management

**Bar Staff / Assistant Bar Supervisor**

*Aug 2021 – May 2024 | The Montgomery of Alamein, Warwick*

*2017 – 2019 | The New Inn, Warwick*

Led a team in dynamic, high-pressure environments, fostering strong collaboration and communication skills while delivering excellent customer service.

* Leadership
* Teamwork
* Adaptability

**NHS Patient Coordinator**

*May 2022 – December 2022 | Budbrooke Medical Centre, Warwick*

Scheduled patient appointments, managed confidential medical records, ensured high level of service in a busy healthcare environment.

* Organisation
* Empathy
* Commitment to Data Protection/GDPR

**Voluntary Work**

**Conservation Volunteer**

**2016 | Operation Wallacea, South Africa**

Fundraised over £2500 for a trip to South Africa, conducting population surveys, performed systemic animal counts, and recorded ecological data using field research methodologies to support species monitoring and conservation efforts.

**References**

Available on request.