ZAKERIAS ROWLAND-JONES

📍 **Address:**
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Experience:

▪ Software Engineer
(2022 - Present)

Loughborough University, Loughborough

- Experience working with agile frameworks (SCRUM, Kanban) coupled with MoSCoW prioritisation.
- Developed to a DevOps methodology striving for continuous improvement.
- Successfully managed projects of varying sizes.
- Responsible for technical compliance and delivery of HESA Data Futures.
- Developed a mobile-first responsive app that allows students to interrogate their financial position.
- Technologies used: PL/SQL, APEX, HTML, CSS, JavaScript, Python, JSON, XML.

▪ Software Developer
(2018 - 2022)

Loughborough University, Loughborough

- Implemented new enterprise reporting solution, that receives c. 50,000 requests per year.
- Co-developed new fee calculation mechanism responsible for £170m of academic fees per annum.
- Accountable for the system development of student-related statutory returns.
- Maintained over 25 systems and applications as tier three support.
- Participated in the development and execution of test plans and automated testing.
- Technologies used: PL/SQL, APEX, HTML, CSS, Oracle Forms & Reports, Python, JSON, XML.

▪ Senior Systems Analyst
(2016 - 2018)

North Warwickshire & South Leicestershire College, Leicester

- Back-end developer leading on data analysis, reporting and integration.
- Lead analyst focused on business change and technical implementation.
- Produced first OLAP cubes for analytical and data mining purposes.
- Line management responsibilities for one team member.
- Awarded Employee of the Year at the 2017 Staff Awards.
- Technologies used: T-SQL, PHP, SSAS, SSIS, SSRS, SSMS, PowerBI, JSON.

▪ Group Systems Analyst
(2014 - 2016)

North Warwickshire & Hinckley College, Nuneaton

- Back-end developer providing systems that support the delivery of teaching and learning.
- Group role working in partnership with South Leicestershire College.
- Responsible for constructing the College's first data warehouse.
- Streamlined integration of Corporate and Student systems using ETL.
- Lead Business Intelligence Developer (MSBI).
- Technologies used: T-SQL, PHP, SSIS, SSRS, SSMS, JSON.

▪ Systems Development & Support Officer
(2013 - 2014)

North Warwickshire & Hinckley College, Nuneaton

- Back-end developer contracted to maintain and develop the College's core systems.
- Pivotal role in the migration of the Student System from an Oracle RDBMS to a SQL Server RDBMS.
- Managed upgrades to the Student Records system.

- Lead SQL Server Reporting Services Developer (SSRS).
- Responsible for support and technical delivery of student-related statutory returns.
- Technologies used: T-SQL, SSRS, SSMS, XML.

- **Sessional Lecturer** (2012 - 2013)
  North Warwickshire & Hinckley College, Nuneaton

  - Contracted three hours per week to deliver the Higher National Certificate in Database Design.
  - Formal scheduled teaching, inductions, tutorials, educational guidance, and student assessment.
  - Covered report and form design, data modeling, SQL, database theory, implementation, and testing.
  - Initiated delivery change from MS Access to MS SQL Server for the next academic year.
  - Technologies used: SQL, Microsoft Access.

Volunteering:
- **Parish Councillor** (2025 - Present)
  Stoney Stanton Parish Council, Stoney Stanton

- **Teaching Assistant** (2011 - 2012)
  Coventry University, Coventry

Education:
- **B.Sc. with Honours Upper Second Class in Computer Science** (2012)
  Coventry University, Coventry

Courses & Certifications:
- **Foundation Certificate in Data Protection** (2022)
  British Computer Society, London
- **ITIL Foundation Certificate** (2018)
  Global Knowledge, London
- **Oracle APEX Advanced** (2022)
  DSP, London
- **Student Record Introductory** (2018)
  Higher Education Statistics Agency, London
- **Oracle Database SQL and PL/SQL Fundamentals** (2018)
  QA Ltd, London

References:
- Available on request

Honours and Awards:
- **Together Award 2023**
  Loughborough University, Loughborough
- **Employee of the Year 2017**
  North Warwickshire & South Leicestershire College, Leicester
- **AoC Health and Safety Champion Award 2016**
  North Warwickshire & South Leicestershire College, Leicester
- **Computing Student of the Year 2009**
  North Warwickshire & Hinckley College, Nuneaton