## Curriculum Vitae

### Personal Information

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| **Full Name:** | Vincent King |
| **Current Role:** | Team Lead and Security Analyst at the Bank of England. |
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### Education

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| **University:** | University of Edinburgh |
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| I graduated in July 1998, with a BSc (Hons) Computer Science and Artificial Intelligence. | |

### Core Skills

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| **Management:** | | | |
| Team Lead | (4 years) | Recruitment | (4 years) |
| Technical Leadership | (4 years) | Information Security | (3 year) |
| Performance Reviews | (4 years) | Standards and Best Practices | (2 years) |
| GDPR | (3 year) | Operations | (1 year) |
| Agile/SCRUM | (6 years) |  |  |
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| **Languages & Methodologies (Experience):** | | | |
| .Net (ver1.0 – ver4.5) | (8 years) | C# | (8 years) |
| ASP.net | (8 years) | JavaScript/JQuery | (6 years) |
| Microservices/Containerization | (1 year) | HTML (Including HTML5) | (6 years) |
| SCRUM/Agile | (6 years) | CSS (Including CSS3) | (6 years) |
| VBScript | (4 years) | SharePoint Development | (1 year) |
| Oracle PL/SQL | (2 years) | MS SQL | (5 years) |
| XML/XSLT | (2 years) | SSRS/SSIS | (2 years) |
| CI/CD | (3 years) |  |  |
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| **Software:** | | | |
| Visual Studio 2019 | | IIS 7.5 | |
| Azure DevOps | | SharePoint Foundation 2010 | |
| JIRA | | MS SQL Server 2016 | |
| MS Office | | MS Project | |
| MS Visio | | Qualys | |
| Tableau | | PowerBI | |

### Positions of Responsibility and Professional Roles

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| **Bank of England - Various Roles** |
| *(March 2013 - Present)* |
| ***Team Lead and Security Analyst***  During my work in Cyber Security I have created a Cyber Data Analytics team within the division to create a Cyber data repository and reporting system. The system gathers data from disparate sources into a single source of truth using automation including APIs and ETL processes. The data will then be used to create reports and visualisations for stakeholders at all levels of management to help with data-driven decision making.  As Security Analyst working within the Cyber Security Division my responsibilities include threat and vulnerability management, continuous monitoring of Bank assets using the Qualys system, and running CSIRTs for critical vulnerabilities. As a SME for the Qualys system, I am tasked with the management and training of users to allow them to report on the systems for which they are responsible. This has included the move from an on premise solution to a cloud service and the introduction of new data zones within the Bank. CSIRTs are required whenever a vulnerabilities has been identified within the Bank and remediation actions are required. As the CSIRT manager it is my responsibility to engage with the necessary teams, formulate an action plan, and oversee any remediation.  With the introduction of the Agile methodology across the Bank, I have become an Agile practices SME for Cyber Security, and administrator for our work management system, JIRA. I am responsible for the training of staff across the Bank to the new working practices and tooling, including providing guidance to teams who have never used the methodology.  ***DevOps SME***  As the owner of Team Foundation Server within the Bank and a promoter of DevOps and Agile practices, I was responsible of the upgrading of tooling and implementation of the CI/CD functionality.  To support my interest in Cyber Security I created a virtual team of Secure Coding Champions. The team’s responsibilities included performing assessments of in-house developed code, and the running of training sessions to promote secure coding practices.  ***Team Lead/Operations Lead/Application Security Manager***  As part of the Technology Enablement (TE) domain I was lead a team responsible for developing, maintaining, and supporting both in-house and 3rd party applications used by the Technology division. These applications included all tools used by developers as well as a new SaaS solution for demand and capacity planning. I was also responsible for the creation of coding standards and best practices to support the wider adoption of DevOps.  My responsibilities grew to include work on the domain’s budget as well as identifying and managing risk. Due to its central role within the division, Technology Enablement became responsible for the developer “Ways of Working” with particular focus on application security. My role expanded again to include application security management and included the creation and implementation of a Secure Software Development Lifecycle. To improve this process I implemented plans for secure development training, secure peer-to-peer code reviews, and secure code reviews by both 3rd party and static analysis tools.  Due to my ownership of all the development tools within the Technology, I was given the responsibility to manage the Bank’s relation with a number of vendors including Microsoft, Infragistics, and Pluralsight.  ***Technical Lead***  As the Technical Lead on the Systems Development Services team I continued my development work but became responsible for the technical management of the team and accountable for the delivery of change. To support developers on the team I created training paths using the Bank’s chosen training platform, Pluralsight, which was later adopted by other teams within Technology. This led to an opportunity to own the service within the Bank and the added responsibility of managing the vendor relationship.  While on the SDS team I took ownership of version control within the Bank. This required the migration of all Technology and Business area source code from Microsoft’s Visual SourceSafe to Team Foundation Server (TFS). The introduction of TFS required the development of best practice and promotion of the service. Within Technology I took the opportunity to implement centralized builds and lead the adoption of Continuous Integration. As TFS owner I also promoted the use of Application Lifecycle Management (ALM) and Agile processes using TFS, and made a commitment to keep TFS up-to-date allowing developers and managers to use the latest version.  Beyond my responsibilities on the SDS team, I formed and led the Technical Lead Forum. The forum was made up of senior developers from the Technology division within the Bank and became responsible for defining best practice, introduction of new technologies, and the running of knowledge sharing sessions for the wider developer community.  ***Developer***  I joined the Bank as a developer on the Data Visualisation and Modelling team. The team was responsible for the development, maintenance and support of financial applications for the Monetary Analysis, and Financial Stability divisions of the Bank. Development required the use of C#, SQL Server (including SSIS and SSRS), ASP.Net, and MathWork’s MatLab. |
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| **Avanta Ltd - Senior Application Developer** |
| *(November 2011 – March 2013)* |
| Avanta is a “Welfare to Work” company contracted by the Government to help get the long term unemployed back into work. As a developer I was responsible for the delivery, maintenance, and support of in-house Web-based applications. All of sites were developed using the latest technologies including .Net version 3.5, HTML5, JQuery, CSS3, C#/ASP.net, and MS SQL. Working on a small team, I became the Technical Lead accountable for the delivery of all change and day-to-day operations of the applications. |
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| **Blenheim Carpets (London) Ltd - IT Manager** |
| *(January 2006 – October 2011)* |
| Throughout my time with Blenheim Carpets, I have been responsible for all the day-to-day design, implementation and support for applications to meet the IT requirements, including the developing of multiple Websites, and the creation of a Customer Relationship Management Tool using technologies such as HTML, JavaScript, CSS, C#/ASP.net, and MS SQL. |
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| **Self-Employed IT Consultant** |
| *(March 2004 – January 2006)* |
| Following my work at Netdecisions, I started my own company to undertake independent contracts, and complete freelance work. During my time I completed contracts for Marks & Spencers, and JATO Dynamics. |
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| **Netdecisions Ltd - Technical Team Leader** |
| *(January 2001 – March 2004)* |
| At Netdecisions I had an opportunity to work on several large, high profile Web projects including McDonalds, Virgin Cars, Marks and Spencer’s, and Thomas Cook. These projects required me to work multiple stages of the software development life cycle using technologies including Perl/CGI, ColdFusion, MySQL, SQL, ASP “classic”, and ASP.net  My largest project was the design and implementation of a Content Management Tool (CMT). The CMT was initially designed for one company, Marconi PLC, but was adapted and deployed for other large organisations, including the NSPCC. |
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| **Rubus Ltd - Developer** |
| *(June 2000 – January 2001)* |
| During my short time at Rubus I had the opportunity to work on several projects in the design, implementation, and support phases. My work centered on the implementation of a Knowledge Base system using Web-based technologies, for use within the company, and my responsibilities included the organisation and meeting of deadlines, as well as working on the development. |
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| **Logica PLC - IT Consultant** |
| *(September 1998 – June 2000)* |
| After graduating from the University of Edinburgh with a degree in Computer Science and Artificial Intelligence I joined Logica PLC as a developer. As part of the Space Division I took the opportunity to work at the European Space Agency in Germany developing satellite control software and being part of the launch support team. |
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### Interests and Activities

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| My activities outside of work typically involve my two children, but I try to make time to keep fit and swim. Since March 2016 I have been a Foundation Governor of a local primary school and have been heavily involved in the process for becoming an Academy.  I am also a STEM Ambassador for Hertfordshire and regularly engage with schools throughout the county to prompt skills, activities and jobs within the Technology industry. |

### References

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| Available upon request. |