**EMILY MIDDLETON**

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# Overview

# A **Java/TypeScript** engineer with **12+ years** commercial agile development, in both **lead and individual contributor** roles. Currently balancing hands-on development with strategy, planning and line management; looking for a challenging **hands-on role**.

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| **Languages** | Java, TypeScript, Node.js, Bash scripting, SQL |
| **Architecture** | Cloud services, APIs, microservices, Kubernetes |
| **Infrastructure** | AWS, security, Kafka, ElasticSearch, monitoring/alerting, databases |
| **Tooling** | CI/CD, Git, Jenkins/Travis, Jira, Confluence |
| **Methodologies** | Agile, Kanban, scrum, TDD, automated testing |
| **Leadership** | Planning, delivery, strategy, stakeholder management |
| **Management** | Coaching, training, mentoring, career development |
| **Core skills** | Written and aural communication, problem solving, collaboration |

# Education

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| Oxford University | MCompSci Computer Science | 1st Class |

# Employment History

**Elsevier - Software Engineering Lead** (July 2018 – present)

Tech lead responsible for the back-end eCommerce platform of a FTSE 100 company.

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| * TypeScript / Node.js | * Cloud (AWS) | * Microservices |
| * DevOps / SRE | * REST and GraphQL | * Databases |

Key Responsibilities:

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| * Line manage 5 engineers | * Test coverage |
| * Arrange coaching and training | * GDPR compliance and security |
| * Determine roadmap and strategy | * Produce technical documentation |
| * Manage internal stakeholders | * Internal and external presentations |

**Elsevier - Senior Software Engineer** (September 2018 – July 2018)

Senior back-end developer for DataSearch, an award-winning search engine powering Mendeley Data, Elsevier's open research data repository.

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| * Developed using Java, Solr | * Improved search relevancy |

**CoreFiling - Technical Product Manager** (January 2016 – September 2017)

Responsible for direction and delivery of half the company product stack.

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| * Steered activity of 8-12 engineers | * Consulted with clients |
| * Produced technical specifications | * Managed roadmaps |
| * Created demonstrations in Java | * Managed sprints |

**CoreFiling - Technical Team Lead** (August 2014 – December 2015)

Line manager for three engineers, with primary responsibility for core product.

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| * Lead developer for core Java APIs | * Rapidly resolved customer issues |
| * Managed internal stakeholders | * Acted scrum master |
| * Migrated legacy code to multi-threaded model | * Promoted test driven development and pairing |

**CoreFiling - Solutions Developer** (April 2014 – August 2014)

Secondment in our small, sales-based Sydney office.

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| * Built a new technical team | * Developed and demonstrated POCs |
| * Established technical guidance policies | * Designed a new system for a national bank |

**CoreFiling - Software Engineer** (July 2008 – April 2014)

Java programmer working on a range of financial reporting products, including:

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| * Core Java APIs | * Excel to XBRL conversion |
| * Domain specific rules language | * Eclipse-based desktop application |

## **IBM** (Summer 2004, 2005, 2006)

Three 12-week internships at IBM Hursley, resulting in company sponsorship.

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| 2002 CICS Service  (z/OS assembler) | 2005 CICS Test (Java) | 2006 WebSphere Voice (Java, Voice XML) |