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<b>SAM O'BRIEN</b>	<a href="mailto:samjamesobrien@gmail.com">samjamesobrien@gmail.com</a> 8856 <a href="https://github.com/samjamesobrien">github.com/samjamesobrien</a>
Full-stack engineer with product ownership and team lead responsibilitiesfocused on leading by example, active co-ordination and continuous integration, forward thinking design and innovation, best practices and continuous improvement following the Kaizen-principle	
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<b>SKILLS</b>	
Backend web development	Spring Spring boot Spring beans Droptizard Play Jackson Netty Jetty Akka Slicks Tomcat SQL No SQL Database normalisation Schema design Natural cardinality Cassandra K2 mySql Quora SOC ASP .NET Java JAM
Front web development	Vue.js PEG.js (api lower rpm rpm node.js html css bootstrap
Ops	Jenkins team realising change per git apache benchmark maven database migration Liquibase Flyway Heroku AWS Linux Chef SGE
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<b>EMPLOYMENT</b>	
Senior software engineer, <i>Viteara / Varna</i>	
Senior full-stack engineer with product ownership, team lead and development responsibilities. This role2015-07 – Present includes cross-as travel to meet with 3rd party services for API negotiations, writing and managing schema from requirements to completion, managing development resources and several auto-developed revenue generating micro-services. I also pushed for and introduced effective data validation patterns. On the JS side, REST API validation and tightly constrained C# cardinality leading to very high quality data and natural prevention of bad states.	
• Sub-developer of a revenue-generating micro-service based integration with Microsoft Active Directory and Office 365 with yearly subscription fee of 12k per customer depending on features	
• Lead developer and Product owner of a major piece of employee planning and cost management software developed with a team of 6 managing dynamic resource planning, matching client collection, natural cardinality, persistent programming patterns, caching and completely validated DTOs in Spring, ASP .NET and MySQL	
• Product owner of all 3rd party integrations including OAuth and OAuth 2.0 authenticated single sign on, and data importation and marshalling	
• Pushed new validation and development patterns focused on the Kaizen principle of continuous improvement which were widely adopted by the team	
Agile PHP java maven dot sand teach spring play droptizard spring boot scala kotlin ruby chef ops sd mypyd cassandra activator akka domain driven design leadership stakeholder management	
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Software Engineer, <i>Liquibase</i>	
Developer focused on backend services including developing the in-house query language, metrics retrieval.2014-05 – 2015- validated REST API exposure etc. in an Agile environment.	
• Developed a parser and query language to access the log data API	
• Produced a high quality validated and acceptance tested externally exposed API	
Agile java maven dot sand droptizard netty spring boot scala kotlin ruby chef ops sd mypyd cassandra activator akka domain driven design leadership stakeholder management	
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Draughtsman and Administration, <i>Flanagan Architects</i>	
Contract for project in London, draughtsman, coordination and administration responsibilities.	
2013-03 – 2013-08	
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Design team lead, <i>Farm from a Box</i>	
Coordinating a team of 7 volunteers to produce an initial set of designs for a modular farming solution for2011-02 – 2012- classic rural	
Design leadership administration	
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Draughtsman and Administration, <i>SD Architects</i>	
Work included producing planning permission and other legal applications, design and technical2010-07 – 2011- documentation to strict legal and design requirements	
2011-01	
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Draughtsman and Administration, <i>Flanagan Architects</i>	
Work included producing planning permission and other legal applications, design and technical2007-08 – 2008- documentation to strict legal and design requirements	
2008-03	
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<b>PROJECTS</b>	
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Contributor, <i>REG for java</i>	
Implemented named capture groups as an extension of indexed capture groups in the library to facilitate same in 777 – Present	
Liquibase query language	
java C++ JINI REGEX	
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Creator, <i>trade processor</i>	
Harris, deployment Droptizard application using db migration, web-sockets, rate-limiting and meta-data analysis. 777 – Present	
java Droptizard web sockets Flyway Heroku MySQL	
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Creator, <i>Full stack SAAS messaging and NLP project</i>	
Full stack SAAS project using Spring Boot, Play, Cassandra, MySQL, Liquibase, java and Vue.js 777 – Present	
java Spring Vue.js Liquibase Cassandra Play	
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<b>EDUCATION</b>	
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M.Sc Computer Science, <i>University College Dublin</i>	
1st class Honors degree in Computer Science. Recipient of commendation from the Dean of the course.	
2012-09 – 2014-	
Java C++ Ruby Database design Software Engineering Natural language processing Search aggregation andN1 N dimensional clustering	
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B.Sc Architectural Science, <i>University College Dublin</i>	
—2008-03 – 2010-07	
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<b>REFERENCES</b>	
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Chris Mowforth	
Kenneth Morrison	
Damian Dutton	