JEREMY MOSELEY

BACKEND ENGINEER

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**Jeremy is a focussed developer who is intrigued by the design and architecture of distributed systems. He has experience with distributed systems in Java, Scala, and Python, and has dabbled in everything from Javascript and HTML to databases and operating systems.

SKILLS

DISTRIBUTED SYSTEMS	QUEUES SHARED MEMORY DATABASEES REDIS SQS RABBITMQ MEMCACHE SHARDING DISTRIBUTED SYSTEM DESIGN
DATABASE	MYSQL POSTGRESQL ORM SLICK
CLOUD	AWS EC2 S3 ROUTE53
WEB DEVELOPMENT	JAVASCRIPT HTML 5 CSS LAMP REST PHP POSTGRESQL

EMPLOYMENT

Software Engineer 3, Inkling Systems Inc.   **2015-06 — 2015-12**

Maintain and develop a legacy system for transforming markup, as well as develop a new service for importing various types of content.

- Architected and deployed a new system for importing content.
- Mentored several interns.

Infrstructure Engineer, Inkling Systems Inc.   **2014-06 — 2015-06**

One member of a three man team to manage the AWS system that powers the entire service. Also worked to develop internal tools to help other teams own their own infrastucture. Migrated the distributed logging system from Facebook Scribe to a Fluentd, Elasticsearch, and Kibana based system to provide better insight into the workings of the system, and allow easier and faster diagnosis of problems in the system.

- Redesigned the entire distributed logging system.
- Operated as a member of the emergency on-call rotation.

Platform Engineering Intern, Inkling Systems Inc.   **2013-09 — 2013-12**

Worked on the deployment of an XML database for allowing fast searches of marked up content, as well as the development of features on the core API.

- Helped write complex XQuery scripts and API.

Part-time Developer, Internet Shakespeare Editions   **2012-10 — 2013-08**

Worked as a part-time member of a team while in school, using XQuery and XPath to maintain and develop new features for a long-term academic project run by the English department. Deisnged a mobile experience for an originally desktop browser only website, as well as used XQuery and XPath to process and transform marked up content in a variety of interesting ways, depending on how the content was being consumed.

Previously...

Prior to Vineyard Networks, I worked on a range of projects for companies large and small.

- Co-op Engineer, Vineyard Networks

EDUCATION

University of Victoria   **2009 — 2014**

SAIT Polytechnic   **2006 — 2007**