Edward Corrigall

St Clair Avenue West, Toronto, ON
eddiecorrigall@gmail.com
@ LinkedIn, @ GitHub

Skills

- deploying, migrating and managing Linux-based infrastructure

- designing and implementing system tools, and customer products

- scaling applications, performance tuning

- automating using Ansible, Python, or shell scripting

	Proficient	Familiar
Development	Python, Java, Bash	Android, JavaScipt, HTML/CSS
Frameworks	Flask, GWT	Hibernate, SQLAlchemy
Tooling	Git, Ansible, Vagrant, Packer, IntelliJ	Alembic, Liquibase
Infrastructure	AWS: Redshift, DynamoDB, Kinesis, EC2	Postgres, Redis, Memcache

AWS Certifications

AWS Certified Developer — Associate 2018

PSI Services LLC, License Verification #: 9JZ0Y2GCJME4QRW9

AWS Certified Solutions Architect — Associated 2019

Preparing to take exam

Formal Education

September 2008 — April 2014

Honours Bachelor of Computer Science with Co-op
University of Waterloo, Waterloo, Ontario

PROFESSIONAL EXPERIENCE

7 years work experience as a software engineer.

Software Engineer

August 2017 — *present* (1 year 8 months)
Acquia, Toronto, Ontario

Environment: Agile, Scrum, Git, Java, Liquibase, Maven, CloudFormation, EC2, ElastiCache, Redshift, Data

Pipelines, RDS, DynamoDB, Route53

- decoupled monolithic deploy: increase stability and speed so that it can be done even at peak traffic peak
- resolved database throttling in Rest API: identified problem using thread dump, found a short term solution, helped plan and coordinate database migration
- led team web frontend refactor to help deliver unified experience across company
- led security initiative to overhaul AWS resource access
- wrote core feature, report authoring, to provide customers custom analytics
- improved existing geo-location integration with no service interruption

Platform Engineer

January 2016 — August 2017 (1 year 8 months)
Instacart, Toronto, Ontario

Environment: Python, PyTest, Flask, SQLAlchemy, Alembic, Postgres, Flask, Memcached, Redis, Redis Queue, Supervisor, Ansible, Vagrant, JIRA, SOAP, REST, bash, tmux, vim, git

- implemented rest api ecommerce features
- optimized offers engine and added couponing feature
- on-call technical support for disaster recovery
- providing hot-fix solutions to comply with service-level agreement
- first to assess and troubleshoot issues affecting customer eCommerce experience
- preparation and deployment of new software releases to staging and production environments
- coordinating downtime and hardware upgrades for retailer environments

Data Scientist

February 2015 — December 2015 (1 year)
EyeReturn Marketing, Toronto, Ontario

Environment: Hadoop, Pig Latin, Jython, HIVE, MySQL, MS SQL, JIRA, Confluence, Pentaho, BIRT

- wrote Hadoop Pig Latin processors as part of anti-fraud effort
- took initiative to design and implement more efficient data science mining tools
- managed ad campaigns, increased performance metrics and wrote final reports for clients

Internships

2 years working experience in University of Waterloo co-operative program.

Company	Location	Role	Starting	Timeframe	Performance Evaluation
ON Semiconductors	Waterloo, Ontario	Software Developer	May 2012	8 months	Very Good

Company	Location	Role	Starting	Timeframe	Performance Evaluation
Pitney Bowes	Shelton, Connecticut, USA	Embedded Software Engineer	September 2011	4 months	Excellent
Economical Insurance	Waterloo, Ontario	Web Developer	January 2011	4 months	Excellent
Economical Insurance	Waterloo, Ontario	Web Developer	May 2010	4 months	Excellent
TSAVO Media	Guelph, Ontario	Software Developer	September 2009	4 months	Satisfactory