Cole Maclean

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Experience

OpenRoad Communications Ltd, Vancouver, Canada

January 2017– June 2018

Web Developer
- Development and maintenance work on pokemon.com, using the Django framework, CSS & JavaScript
- Migrated key parts of the site from Django 1.8 to Django 1.11
- Customized the Drupal 8 CMS extensively

Sinnwerkstatt Medienagentur GmbH, Berlin, Germany   2016
Web Developer
- Developed and maintained custom content management systems using the Django framework
- Worked on development of the Land Matrix Initiative data visualization Django project, using PostgreSQL and PostGIS extensively
- 100% remote

Zooey Consulting Limited, London, UK   July 2015 – November 2015
Back End Developer
- Indexed hundreds of millions of words from a series PDF documents in Elastic Search
- Added a full text document search API to an existing app using Python, Django and Django REST Framework
- Added layout management system to existing app

eMoov Limited, London, UK   December 2014 – June 2015
Back End Developer
- Developed the initial REST API for the emoov platform using Python, Django and Django REST Framework
- Handled publishing of real estate listings to other services, and import from data exports
- Deployed on Amazon Elastic Beanstalk

Sinnwerkstatt Medienagentur GmbH, Berlin, Germany **2011 – 2014**
Web Developer
- Developed and maintained internal web-based order and stock management systems for a variety of clients using the Tornado framework
- Developed custom content management systems using the Django framework
- Wrote plugins and developed themes for Magento based online stores using PHP
- Wrote custom Drupal modules and WordPress plugins using PHP
- Developed custom interactive graphs using HTML5 and raphael.js
- Remote worker from 2012

Storefront.com Online Inc., Vancouver, Canada **2004 – 2010**
Senior Project Manager **2007 – 2010**
- Planned, deployed and updated software for a system which allows ordering and production of photos across the continental United States, including a consumer facing website and over 10,000 photo kiosk and lab management computer systems
- Served as primary contact for major clients, including photo industry multinationals and large retail chains
- Worked closely with development and systems teams to internally set targets and meet commitments
- Managed software internationalization efforts with partners in Germany, Japan and the UK, overcoming cultural and language barriers and time zone challenges
- Represented the company at numerous trade shows

Quality Assurance Manager **2004 – 2007**
- Supervised the Quality Assurance department, including hiring and letting go of employees, scheduling of employee shifts and management of testing schedule
- Developed initial test scripts (and executed them)
- Worked with software development team to validate testing procedures

Education

University of British Columbia, Vancouver, Canada **2003 – 2004**
First year Liberal Arts

AFS Intercultural Programs, Bangkok, Thailand **2002 – 2003**
Exchange student

Skills & Interests

- Excellent communication and follow up skills
- Effective and motivated independent worker
- Fast learner
- Amateur photographer
- Avid traveller
- Coffee and cooking enthusiast
- Intermediate level Thai and beginner level German speaker

Technologies

- Python (2.7, 3.x)
- Ruby
- PHP
- JavaScript
- Bash scripting
- SQL (MySQL, PostgreSQL)
- Elastic Search
- Redis
- HTML5
- CSS
- XML
- JSON
- Git
- Django
- Tornado
- Vue.js

References

Available upon request.