# **Brandy Sandrowicz**

### PERSONAL DATA

WORK STATUS IN: United States, Canada

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# **OBJECTIVE**

Find a job where I can do at least two of the following things: (i) work with interesting people, (ii) work on solving interesting problems, (iii) work on building something great. I am geo-bound to the Toronto area, and am not considering relocating at this time.

# **WORK EXPERIENCE**

MAR 2018 to MAY 2023 Software Developer at d1g1t Inc.

Toronto, Ontario, Canada

Financial Software for Money Management Firms

Built a risk level reporting system for money managers with the support of company's financial engineers.

- Worked on both the Python backend and the React front-end systems
- Built and maintained a system that capable of rebalancing 1000's of financial accounts to match user specified parameters while taking into account various trading restrictions.
- Built and maintained a system for managing trades and batches of trades to be sent to trading systems for execution including processing allocation on receipt of trades.
- Maintained a system that managed transactions for all customer accounts and built them into various levels of reporting for both money managers and their clients.

**Technologies Utilized:** Docker, PostgreSQL, MongoDB, ElasticSearch, Python, AWS, Django, Django Rest Framework, Celery, Redis, React.js, JavaScript

OCT 2013 to MAR 2018 Lead Software Developer at Sowingo.com Corp.

Toronto, Ontario, Canada Dental Supply Management

- Built an eCommerce platform allowing sales from 3rd party vendors from the ground-up.
- Built an inventory management system with specialization in tracking oral surgery supplies from scratch.
- Built single page app administration system site admins and 3rd party vendors
- Built a custom PDF generation system for creating shelving labels.

Technologies Utilized: PostgreSQL, MySQL, Amazon Web Services (EB, S3, EC2, Route53, RDS, VPC, CloudFront, SQS), Flask-RESTful, Python, Flask, Nginx, Ubuntu Linux, ElasticSearch, SQLAlchemy, Stripe, AngularJS 1.x, GulpJS, GruntJS, Angular-Material, HTML, CSS, JavaScript/ECMAScript, EmberJS, Bootstrap, LESS, Sass, git, TravisCl, py.test

AUG 2008 to Nov 2012 Software Developer at Rentrak Corp. Portland, Oregon, USA and Toronto, Ontario, Canada Media data analysis and auditing

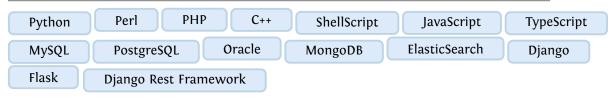
- Developed cross-platform application in Groovy to interact with POS systems and transmit transaction information back to central server.
- Developed internal CRM to facilitate multiple business units' interactions with customers, including an email gateway, threaded comments, and porting of legacy CRM data.
- Maintained legacy internal applications (including GUIs in Java 1.3, and 'green screens' in C), including adding new features as required.
- Ported competing system (obtained via acquisition) within existing systems, including data import, reporting system changes and data warehousing.
- Optimized database access as volume passed thresholds that reduced performance to unacceptable levels.
- Implemented marketing materials admin interface in HTML/JS, including drag-and-drop sorting.
- · Created internal release tool on top of git with Python/Django.

Technologies Utilized: Linux (CentOS), MS Windows, Unify, Oracle, PostgreSQL, Java, C, Groovy, Perl, Python, Pro\*C, Vim, Emacs, Apache, Nginx, Django, SQL\*Plus

#### **EDUCATION**

AUG 2005 Bachelor of Computer Science in Engineering, University of Michigan

## TECHNICAL SKILLS



## **OTHER**

• Organizer for Pycon Canada 2013, 2015, and 2016