

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	<p>Software Developer at d1gt Inc. Toronto, Ontario, Canada <i>Financial Software for Money Management Firms</i></p> <ul style="list-style-type: none">• 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. <p>Technologies Utilized: Docker, PostgreSQL, MongoDB, ElasticSearch, Python, AWS, Django, Django Rest Framework, Celery, Redis, React.js, JavaScript</p>
OCT 2013 to MAR 2018	<p>Lead Software Developer at Sowingo.com Corp. Toronto, Ontario, Canada <i>Dental Supply Management</i></p> <ul style="list-style-type: none">• 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. <p>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, TravisCI, py.test</p>

AUG 2008 to Nov 2012	Software Developer at Rentrak Corp. Portland, Oregon, USA and Toronto, Ontario, Canada <i>Media data analysis and auditing</i> <ul style="list-style-type: none"> • 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
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EDUCATION

AUG 2005 Bachelor of Computer Science in ENGINEERING, **University of Michigan**

TECHNICAL SKILLS

Python	Perl	PHP	C++	ShellScript	JavaScript	TypeScript
MySQL	PostgreSQL	Oracle	MongoDB	ElasticSearch	Django	
Flask	Django Rest Framework					

OTHER

- Organizer for Pycon Canada 2013, 2015, and 2016