

BARTOSZ BOROWINSKI

SENIOR SOFTWARE DEVELOPER

MONTRÉAL, QUÉBEC, CANADA

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http://btbuildem.ca

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- Ten years of industry experience, ranging from enterprise to startup environments
 - Five years of full-stack web development experience
 - Winner of 2011 CIRA Impact Awards for Web Innovation
 - Built interactive data visualizations for IoT datasets
 - Launched a web-based CMS, a classifieds search website, and an education-focused hybrid web app
 - Delivered components of an enterprise telephony platform
 - Demonstrated experience in developing custom solutions to unique problems
 - Bachelor of Mathematics Honours Computer Science University of Waterloo
 - C#, Erlang, Java, JavaScript, PHP, Python
 - Angular, Django, ExtJS, jQuery, .NET, Sencha Touch
 - Bootstrap, Compass, CSS3, Grunt, Jasmine, HTML5, SASS
 - Elastic Search, MSSQL, MySQL, Redis, Sqlite
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Senior Front End Developer

mnubo, Montréal QC

Feb 2015 - present

ANGULAR, BOOTSTRAP,
D3, DOCKER, ELASTIC
SEARCH, GRUNT, JASMINE,
JAVA, JAVASCRIPT,
NODEJS, WEBSOCKET

- Designed feature sets in collaboration with senior sales and customer integration teams
- Created custom data visualization interfaces for Internet of Things datasets
- Build dashboards and geo-enriched visualizations
- Implemented multiple Single Page Applications
- Established software development practices among Front End team
- Performed code reviews, mentored junior team members
- Prototyped visualizations for Data Science team

Senior Developer

Didacti, Montréal QC

Jun 2012 - Feb 2014

PYTHON, MYSQL,
SQLALCHEMY, ELIXIR,
SENCHA TOUCH, EXTJS,
SASS, COMPASS, GIT,
GITHUB, PIVOTAL, ASANA

- Designed and implemented application architecture: edit/view modality, data pipeline, tools for editing and rendering embeddables
- Co-developed the front end of a hybrid web app in Sencha Touch
- Prototyped and implemented the content editor, a core component of the product
- With a small team, delivered early product to secure funding
- Led the establishment of software development practices: versioning, collaboration, testing and issue management
- Oversaw and integrated work of junior developer
- Built a CRUD file and metadata server in Python with SQLAlchemy and Elixir
- Implemented media conversion and transformations with imagemagick and ffmpeg
- Developed automatic media format conversion and report generation from templates

Software Developer

Bunch, Montréal QC

Feb 2012 - May 2012

PYTHON, REDIS, FBGRAPH

- Implemented several Facebook apps to drive traffic to main product site
- Increased traffic to the main product page by 30%
- Analyzed usage data with Python and Redis to adjust strategy for next iteration

Lead Developer

SAT, Montréal QC

May 2011 - Feb 2012

PYTHON, DJANGO,
MYSQL, SUBVERSION

- Delivered a website to curate content for an augmented reality mobile application
- Collaborated with a cultural advisor, project manager, mobile application developers and multidisciplinary artists to define the scope of the project and create core interactions.
- Architected a LAMP back-end to host user content
- Created an API to support the mobile application
- Built project website in Django, including asset maps, media views/previews and i18n
- Fulfilled CMF submission guidelines

Founder

Newpad, Montréal QC
Feb 2011 - Jul 2012

LAMP, PYTHON, MYSQL,
JAVASCRIPT, JQUERY,
HTML5, JSON, GOOGLE
MAPS API

- Launched a rental classifieds search aggregator, serving twelve major Canadian cities
- Winner of CIRA 2011 Impact Awards in the Web Innovation category
- Created an innovative map search interface with a search-radius feature and criteria filters
- Built a classified ads web scraper in Python with lxml and BeautifulSoup
- Implemented a volume-balancing scheduler to scrape multiple sources
- Developed duplicate content detection with Python and NLTK
- Acquired thousands of unique monthly users within first three months of operation
- Collected search queries to visualize geolocated demand
- Created simple visualizations of posting densities and price ranges

Lead Developer

Leadership Services,
Belleville ON
Aug 2008 - Dec 2010

C#, .NET, MSSQL

- Developed a web-based student information system with customizable templates, search and reporting
- Launched service for school boards in Ontario, Alberta and New Brunswick
- Designed and implemented core system features
- Established best practices for the development team

Founder

Yasboti, Ottawa ON
Dec 2006 - present

C#, .NET, MSSQL

- Researched and developed data visualisation and search techniques in context of equity markets.
- Designed, implemented and optimised relational databases to support operations
- Implemented data acquisition, parsing, and validation for intraday and end-of-day stock market data
- Created an innovative time-series-related visualisation method, reducing visual complexity while maintaining information density

Software Developer

Microsoft, Redmond
WA
Oct 2004 - Oct 2006

C#, .NET, MSSQL

- Developed the user interface, business reports and database interaction layer for speech application transcript analysis tools as a part of a SDK for an enterprise telephony platform.
- Created design documents and cost estimates
- Developed product code and unit tests
- Performed peer reviews of specifications and code
- Collaborated with a team of developers and testers, in a schedule-driven environment.

VOLUNTEER ROLES

System Architect

MEBG, Montréal QC
Aug 2014 - Present
ERLANG, YAWS, SQLITE3

- Built a text-message-based system to support day-to-day operations of a local nonprofit
- Implemented scheduling, presence and volunteer membership features
- Created simple data visualization with D3

Manager / Mechanic

MEBG, Montréal QC
2008 - Present

- Part of a team of volunteers running the Mile End Bike Garage
- Helped introduce members of the public to the craft of bicycle repair
- Participated in organizing and running three fund-raisers
- Represented MEBG at community events