



Brad Melanson

 Vancouver, BC
 hello@bradmelson.me
 http://bradmelson.me

ABOUT ME

A polyglot developer with a background in pharmacy, I'm passionate about usability and user experience, and using technology to empower people. I love learning new things (sizing up Elixir/OTP for 2017), collaborating on projects, and sharing knowledge. Outside of work I enjoy travelling, taking in live sports (go Royals!), and cooking.

WORK EXPERIENCE

Software Developer, Beanstream — Aug 2016 - Feb 2017

Payments Processing

C#, ASP.NET MVC, ASP.NET Core, JavaScript, React, CSS, Less, SQL Server, AWS

Developed APIs and internal tools as a member of the web and payments scrum teams.

Key accomplishments include:

- Designed and developed a React-based interface for creating white-labelled versions of hosted sign-up pages. Replaced an error-prone manual process that required direct database access.
- Built an ASP.NET Core-based merchant search API for other teams and applications to consume. Centralized accessing merchant account information and reduced duplication across services.
- Participated in a developer support rotation. Worked closely with the QA and support teams to reproduce and triage reported issues so that they could be estimated and planned for future sprints.

Developer, Redbrick — Jan 2014 - Jul 2016

Software Analytics

C#, PHP, Symfony, Silex, Perl, JavaScript, jQuery, CSS, Less, PostgreSQL

Full-stack web development as a member of the network tech team, as well as occasional contributions to Windows desktop application projects. Key accomplishments include:

- Tripled the number of events tracked and available for reporting. Provided deeper insight to both business stakeholders and the network tech team for planning new initiatives and debugging issues.
- Took over leading development of the Symfony-based administration and reporting portal. Gathered requirements from business stakeholders, worked with the product owner to establish priorities, and mentored a team of 3 co-op students.

Pharmacy Support Services Analyst, Lawtons Drugs — Mar 2012 - Jan 2014

Retail Pharmacy
Windows, Kroll

Provided software, hardware, and adjudication support to a nationwide group of pharmacies as a member of the pharmacy support team. Key accomplishments include:

- Managed a nationwide refresh of pharmacy computer hardware. Worked with the IT team, external vendors, and in-store staff to schedule delivery and installation dates.
- Developed and executed a test plan for a new major version of pharmacy software. Worked with in-store staff to determine critical features and collect feedback, and with software vendor to report issues and schedule fixes.

PERSONAL PROJECTS

SlackBase64

<https://bitbucket.org/bradJM/slackbase64-public>
C#, ASP.NET Core, xUnit.net, PowerShell, psake, AWS, AppVeyor

A Slack slash command for encoding to and decoding from base64. I built this both to save time at work (much faster than going to base64encode.org all the time!) and to scratch a continuous integration / deployment itch. I put together a pipeline using Bitbucket, AppVeyor, AWS, and a bit of PowerShell scripting that automatically tested all code pushed to Bitbucket, and automatically deployed code merged into the master branch to AWS.

Hacker Jobs

https://bitbucket.org/bradJM/hacker_jobs
Perl, Mojolicious, PostgreSQL

A job board powered by Hacker News' API. I built this because I wanted to keep an eye on jobs posted in Hacker News' "Who is hiring?" threads without needing to sift through all the commentary. Integrating with their API was challenging (in their own words: "Many of the awkward things are just the way HN works internally"), but Mojolicious was a treat to work with and made wiring everything up and deploying it as simple as you could ask for.

EDUCATION AND CERTIFICATIONS

Programming in C# — Microsoft, 2016
Pharmacy Technician (Diploma) — Eastern College, 2010