

Brandon M. Camenisch

Contact

Website

<https://brandoncamenisch.com>

About

My affinity for computers started ~1995 when I wanted to make my own game mods as a kid using C. It wasn't long before I started getting involved with Linux, hacking hardware, writing code, and mostly having a good time. From then on I've been enveloped with computers and the nerd culture that comes along with it. Being an entrepreneurial adolescent, I wanted to start doing something professionally with technology so I made a business out of it and started consulting. Since I had such an early start, I've had many great opportunities to evolve and nurture my skills as well as become humbled by them through a more than few harrowing experiences. I'm very much a Linux enthusiast with a passion for all things security and a valid interest in cryptography. I've always thought that the learning was in the doing and that fuels my desire for trying out new pursuits that make me uncomfortable. I would also like to think that I approach problems with an open and honest opinion and can accept criticism or failure as an opportunity to grow. I look forward to working with people that maintain an open mind and aren't afraid to push the boundaries of technology to help make a positive impact. Below you'll find most of my work experience as well as a list of skills that I feel are relevant. I try to keep this information as up to date as possible with skills I'm actively using or haven't lost total track of.

Profiles

Github

[brandoncamenisch](#)

Hackernews

[LatexNinja](#)

Reddit

[mountaininja](#)

Stackoverflow

[brandon-camenisch](#)

Twitter

[brandoncamenisc](#)

<https://pmc.com>

Senior DevOps engineer

PMC is a digital media company with an impressive portfolio of publishing sites with a heavy usage of microservices to support those sites and company infrastructure.

Highlights

- Advocated for and implemented 12 factor app methodology, immutability, automation/abstraction of workflows into our microservices architecture
- Architected, iterated and managed company IaC across multiple cloud providers using Terraform in automation via GitOps
- Autonomously identified weaknesses in our workflows and improved upon them
- Dominated integrations using Terraform with external services like Cloudflare, Fastly, Datadog, OpsGenie, GitHub, etc.
- Enabled team by advocating a self service approach in our CI/CD by incorporating modularity into our pipelines
- Established baseline CI/CD at the company defining end-to-end automated testing to the microservice application stacks
- Maintained self-hosted LMA & ELK stacks
- Management of microservice(s) automation and their internal networking via Terraform utilizing Rancher 1.0 on AWS
- Modularized existing monolithic, difficult to scale patterns into a lightweight re-usable architecture format
- Regularly met with customer/stakeholder(s) to maintain velocity of engineering team and strengthen overall DevOps culture

<http://pmc.com>

Senior Software Engineer

PMC is a digital media company with an impressive portfolio of publishing sites and a heavy usage of microservices to support those sites and company infrastructure.

Highlights

- Audited and executed automation of security best practices into our codebase
- Conducted numerous large scale data & content migrations making heavy usage of realtime database replication via datastreams
- Created tooling for abstracting customer data solutions using A/B testing, ad tech & analytics
- Integrated scalable modular codebase solutions into our existing infrastructure

- ❑ Orchestrated foundation for modularized automated testing workflows using Docker

10up

2016-01-01 — 2017-01-01

<https://10up.com>

Senior Engineering Manager

Managed agency engineering team for fortune 100 company projects. 10up is a high energy fast paced digital agency which caters solutions for big name brands.

Highlights

- ❑ Accurately estimated out large complex projects for big name fortune 100 companies/clients
- ❑ Developed internal tooling for developer support using Virtualbox & docker
- ❑ Improved overall team efficiency and attitude(s) by empowering them with implementing tools, programming conventions, workflow improvements, and training
- ❑ Led engineering teams creating solutions for complex integrations and migrations
- ❑ Managed a successful team of engineers to deliver highly visible websites for fortune 100 companies
- ❑ Met with customers and vendors to ensure project(s) met technical and budget constraints
- ❑ Provided weekly 1:1 training and mentorship to a large team of engineers

10up

2014-01-01 — 2016-01-01

<https://10up.com>

Senior software engineer

Finely crafting websites & tools for content creators.

Highlights

- ❑ Contributed to WordPress core and other open source projects used throughout the WordPress community
- ❑ Developed custom content syncing software for managing content across many sites
- ❑ Horizontally scaled WordPress on AWS by offloading media and task execution on high traffic sites
- ❑ Regularly audited codebase(s) for security and best practices
- ❑ Triaged data sources from various services using REST api and GraphQL to supplement content creation driven by data

Volume Nine

2014-01-01 — 2015-01-01

<https://www.v9digital.com/>

Senior software engineer

Volume Nine is Denver's top digital marketing agency, specializing in content, SEO, and social media. Build Brand. Drive Traffic. Grow Sales.

Highlights

- ▣ Developed against large dataset(s) of marketing data with heavy usage of MySQL database and google analytics platform
- ▣ Strategized marketing/seo campaigns for client sites from a technical perspective
- ▣ Worked on early stage development/testing of SkyWord solution for WordPress

QRlicious

2013-01-01 — 2014-01-01

Senior software engineer

QRlicious is a mobile marketing company offering a platform for users to manage and build QR codes, mobile websites, coupons, and more.

Highlights

- ▣ Hand built a WordPress framework from the ground up using DRY & semantic approach
- ▣ Programmatically generated QRcodes with custom built SVG tool(s) HTML5 canvas and RaphaëlJS
- ▣ Embraced mobile marketing microsites trend by building a SaaS product site building tool on Rails
- ▣ Engineered custom REST based APIs
- ▣ Integrated with various payment gateway systems for e-comm using Stripe, PayPal, Authorize.net and others

Concept Bakery

2012-01-01 — 2013-01-01

Senior software engineer & Graphic design

Social media story development and telling: guerrilla & cross-media marketing. WOM on Facebook, Youtube, microsites, etc. You name it - been there done that :)

Highlights

- ▣ Solely developed ruby on rails custom CMS application to create SaaS product based on microsites and Facebook pages
- ▣ e-commerce sales pipeline with integration of social media data of consumers
- ▣ Campaigned on social media to market customer products
- ▣ Frontend and graphic design heavy position creating marketing campaigns

Nerdatory

2006-01-01 — 2012-01-01

Consultant

Consulting firm specializing in architecture, security and best practices of software development.

Highlights

- ▣ Provided strategic engineering consulting to startups
- ▣ Demonstrated how to predict growth and scale a product without hitting a wall in the process
- ▣ Conducted in-depth security audits for clients identifying weaknesses in their corporate IT structure

- ❑ Collaborated with team of engineers to architect and reconstruct their SaaS product from the ground up
- ❑ Mentored teams in software life cycle processes using TDD, CI, code reviews, security conventions, and engineering best practices

Silvereve Interactive

2002-01-01 — 2000-01-01

Founder

Full service multimedia/interactive web content production company. Hand made interactive content solutions for education, games, entertainment and business training.

Highlights

- ❑ Consulted customers on business strategy of their content to encourage end user engagement
- ❑ Developed and marketed plug n' play javascript modules for mass consumers to sell online
- ❑ Heavily coded robust multimedia content in actionscript
- ❑ Provided unique content including but not limited to text, photographs, and graphic design for customers
- ❑ Retained customer loyalty through excellent service and ongoing maintenance agreements

S.W.A.N.

2006-01-01 — 2008-01-01

Founder/Trainer

Intensive live in martial arts training camp in the Colorado Rockies.

Highlights

- ❑ Concepted curriculum for intensive full immersion martial arts & security training camp
- ❑ Developed website and unique branding content (text, photo, video, seo, marketing, etc.) for entire organization
- ❑ Exhaustively studied technical material and improved upon existing systems to produce the highest quality training we could
- ❑ Led and mentored groups to maximize their potential both as individuals and as a teams
- ❑ Trained students in curriculum physically and mentally
- ❑ Taught skills such as tactical knife fighting, lock picking, escape & evasion, stealth and more

U.S. Navy

2002-01-01 — 2006-01-01

Quartermaster

The United States Navy is the naval warfare service branch of the United States Armed Forces and one of the eight uniformed services of the United States.

Highlights

- ❑ Awarded commendation by captain of U.S.S Nimitz for excellent performance and honorable service to division
- ❑ Entrusted with top secret security intelligence information critical to operational success while underway hostile zones
- ❑ Personally corrected over 5k navigational charts covering the globe and used for navigation in westpac operations
- ❑ Piloted aircraft carrier U.S.S Nimitz through operation Iraqi Freedom during two westpac operations
- ❑ Spent over 1000 hours providing navigational expertise by both traditional (celestial) and modern methods to bridge officers and crew

Stuff-It Storage

1995-01-01 — 2002-01-01

Self Storage Assistant

Storage unit facility

Highlights

- ❑ Drove large truck/trailer loads of 'stuff' to auctions
- ❑ Inventoried and managed large lists of items to be sold at auctions
- ❑ Investigated cost research/analysis of items
- ❑ Maintained customer relations involving billing, theft, or property damage
- ❑ Patrolled two locations of business premises for suspicious activity and break-ins

Best seamless raingutters

1999-01-01 — 2002-01-01

Gutter Installer

Seamless raingutter compay that served the front range of Colorado

Highlights

- ❑ Estimated jobs from small houses to large residential or industrial properties and assessing risk
- ❑ Placed inventory cost replenishment orders for crew
- ❑ Repaired leaking or damaged product
- ❑ Serviced seamless gutter tools & equipment critical to operation
- ❑ Year round service to contracting and private customers

Brandons Pantry

2000-01-01 — 2001-01-01

Clerk/Manager

Convenience store in recreational area of the Colorado Rocky Mountains

Highlights

- ❑ Attended trade shows to promote business and develop relationships with vendors
- ❑ Identified and explored potential areas of profit and monitored cost margins

- ❑ Inventoried product and kept track of finances
- ❑ Provided customer information in regards to travel and tourism in the area
- ❑ Self branded and started convenience store in recreational area

Indian Meadows

2000-01-01 — 2002-01-01

Assistant Manager

Rustic recreational resort in the Poudre Canyon of the Colorado Rocky Mountains

Highlights

- ❑ Cleaned and maintained a cluster of recreational cabins for camping tourists
- ❑ Customized booking software to save company time and money
- ❑ Kept inventory and kept vendor relationships with wholesalers
- ❑ Maintained property grounds i.e. landscaping, repairs, and other maintenance type work
- ❑ Planned and catered events such as weddings, family reunions, business summits, etc.

Motor Vessel ENDEAVOUR

1997-01-01 — 2000-01-01

Navigation, Engineering, Deckhand

Ocean adventure trawling vessel U.S.S. Endeavour.

Highlights

- ❑ Repaired and maintained engines, generators, desalination systems, auxillary solar power systems, & other marine equipment
- ❑ Chipped, grinded, painted & other laborous tasks to keep the vessel in working order
- ❑ Commandeered the 69ton Naval engineered trawling motor vessel through the open seas of the Western hemisphere and the international waterways of the southern United States
- ❑ Diligently held the comm while underway to ensure safe passage on voyages
- ❑ Maintained & calibrated sea faring equipment critical to the safe navigation of the vessel

Skills

☹ Automation Tools

- ❑ Ansible
- ❑ Boto
- ❑ Chef
- ❑ CircleCI
- ❑ Drone CI
- ❑ Gradle
- ❑ Jenkins

- ☐ Puppet
- ☐ Spinnaker
- ☐ Terraform
- ☐ Travis

Cloud providers

- ☐ AWS
- ☐ GKE
- ☐ Heroku

Code

- ☐ bash
- ☐ c
- ☐ elixir
- ☐ erlang
- ☐ go
- ☐ javascript
- ☐ lua
- ☐ node
- ☐ php
- ☐ python
- ☐ ruby
- ☐ sh

Datastores

- ☐ BigQuery
- ☐ CouchDB
- ☐ Kafka
- ☐ MongoDB
- ☐ Memcache(d)
- ☐ MySQL
- ☐ Postgres
- ☐ Redis
- ☐ RDS

LMA (Logging, Monitoring, & Alerting)

- ☐ AWS
- ☐ ELK
- ☐ Grafana
- ☐ InfluxDB
- ☐ Loggly
- ☐ LogRythm
- ☐ Nagios
- ☐ Opsgenie
- ☐ PagerDuty
- ☐ Pingdom
- ☐ Prometheus
- ☐ Sensus
- ☐ ServiceNow
- ☐ Slack
- ☐ Splunk

Methodologies

- ☐ 12Factor
- ☐ Agile
- ☐ Automation
- ☐ BDD
- ☐ CI/CD
- ☐ DRY
- ☐ GitOps
- ☐ IaC
- ☐ Immutability
- ☐ KanBan
- ☐ Machine learning
- ☐ Networking
- ☐ OOP
- ☐ Polymorphism
- ☐ REST
- ☐ Scalability
- ☐ SCRUM
- ☐ TDD
- ☐ K.I.S.S

Security

- ☐ Kali Linux
- ☐ Applied Cryptography
- ☐ Black Arch
- ☐ Intrusion detection
- ☐ Metasploit
- ☐ Nessus
- ☐ Nikto
- ☐ Security Onion

Systems & Servers

- ☐ *nix
- ☐ Apache
- ☐ Caddy
- ☐ Docker
- ☐ Nginx
- ☐ Kubernetes

Interests

- ☐ blockchain
- ☐ cryptography
- ☐ cybersecurity
- ☐ freeskating
- ☐ hacking
- ☐ hiking
- ☐ linux
- ☐ longboarding
- ☐ snowboarding
- ☐ travel
- ☐ yoga