

Brandon M. Camenisch



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BACKGROUND

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.

WORK EXPERIENCE

Senior DevOps engineer, [PMC \(Penske Media Corporation\)](#)

Jan, 2018 - Present

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

- 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

Senior Software Engineer, [PMC \(Penske Media Corporation\)](#)

Jan, 2017 - Jan, 2018 □ 1 year

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.

- 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

Senior Engineering Manager, [10up](#)

Jan, 2016 - Jan, 2017 □ 1 year

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.

- 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

Senior software engineer, [10up](#)

Jan, 2014 - Jan, 2016 □ 2 years

Finely crafting websites & tools for content creators.

- 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

Senior software engineer, [Volume Nine](#)

Jan, 2014 - Jan, 2015 □ 1 year

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

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

Senior software engineer, QRlicious

Jan, 2013 - Jan, 2014 □ 1 year

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

- 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

Senior software engineer & Graphic design, Concept Bakery

Jan, 2012 - Jan, 2013 □ 1 year

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

- 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

Consultant, Nerdatory

Jan, 2006 - Jan, 2012 □ 6 years

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

- 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

Founder, Silvereve Interactive

Jan, 2002 - Jan, 2000 □ 1 year 11 months

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

- 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

Founder/Trainer, S.W.A.N.

Jan, 2006 - Jan, 2008 □ 2 years

Intensive live in martial arts training camp in the Colorado Rockies

- Concepted curriculum for intensive full immersion martial arts 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 team
- Trained students in curriculum physically and mentally

Quartermaster, U.S. Navy

Jan, 2002 - Jan, 2006 □ 4 years

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.

- 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

Self Storage Assistant, Stuff-It Storage

Jan, 1995 - Jan, 2002 □ 7 years

Storage unit facility

- 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

Gutter Installer, Best seamless rain gutters

Jan, 1999 - Jan, 2002 □ 3 years

Seamless rain gutter company that served the front range of Colorado

- 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

Clerk/Manager, Brandons Pantry

Jan, 2000 - Jan, 2001 □ 1 year

Convenience store in recreational area of the Colorado Rocky Mountains

- 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

Assistant Manager, Indian Meadows

Jan, 2000 - Jan, 2002 □ 2 years

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

- 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.

Deckhand, Motor vessel ENDEAVOUR

Jan, 1997 - Jan, 2000 □ 3 years

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

- 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](#)[Sensu](#)[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](#)

INTERESTS

[blockchain](#)[cryptography](#)[cybersecurity](#)[freeskating](#)[hacking](#)[hiking](#)[linux](#)[longboarding](#)[snowboarding](#)[travel](#)[yoga](#)