Brenden Tamilio

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SUMMARY

Seasoned Software Engineer specializing in PHP, cloud architecture, data pipelines, RDBMS, and API development with open-source technologies. Seeking new challenges to build amazing applications in a growth-focused organization as an individual contributor or collaborative team role-player.

Sanguine. Curious. Pragmatic. Resourceful. Persistent. Accountable.

PROFESSIONAL EXPERIENCE

Security Lock Distributors
Senior DevOps Engineer

2023 → 2024
Remote

Consultant turned employee. Balanced many roles (Developer, DBA, Sysadmin, SecOps, DevOps, etc.) in a start-up like environment. Integrated cloud, vendor, and partner APIs. Developed data-rich PHP web applications and ETL pipelines to retrieve, consume, warehouse, and publish product data and marketing collateral for 7 million+ SKUs. Helped migrate autoscaling EC2 B2B website to Lambda-based Laravel Vapor.

Tamilio Consulting, LLC (owner)
Principal Software Architect / Engineer

2018 → 2023
Remote

Independent contractor; built data-rich PHP web applications (Laravel), REST APIs, and ETL data pipelines leveraging Amazon, Azure, and Google cloud services.

The Outfit, Inc. (part owner)
Principal Software Architect / Engineer

2013 → 2018
Beverly, MA

Architect and developer of complex custom PHP applications (Laravel, ExpressionEngine, Craft), REST APIs, and scalable web architectures. Interfaced with clients and partners through all stages of the sales and development cycle. Lead development of Bigboard™, a SaaS product platform for aggregating disparate data sources and APIs into real-time team dashboards.

PROGRAMMING SKILLS

Language Proficiency:
PHP (Laravel, Symfony), SQL, shell scripting, Perl, JavaScript (vanilla / jQuery)

Software Concepts:
SDLC, MVC, OOP, CI/CD, agile, REST / stateless APIs, middleware, autoscaling, OAuth, ETL, data warehousing, stress testing, containers, git, discovery-based web crawling, Information Retrieval, RegExp, contingency planning, SOPs, flowchart / system diagrams.

WEB TECHNOLOGIES

Infrastructure / Sysadmin:
Linux (RHEL, CentOS, AMZN, Fedora, Debian, Ubuntu), VMware / ESXi, Windows/SQL Server, Apache, Nginx, supervisor, cron, etc.

RDBMS:
MySQL, MariaDB, Aurora, BigQuery, Microsoft SQL Server, PostgreSQL, Oracle

IaaS / PaaS / SaaS:
AWS DMS, EC2, VPC, RDB, ELB / ALB, WAF, SQS, S3, Lambda (via Laravel Vapor), Route53, eCommerce (Stripe, PayPal, Authorize.net), Google BigQuery, rsyslog, Cloud MTAs, Segment, Elasticsearch, Azure, Rackspace Cloud, etc.

Mostly Forgotten:
C, C++, .NET, Visual Basic, CSS, Shockwave Lingo, Adobe AIR, Angular JS, ColdFusion, Classic ASP, i18n, SVN, CVS, RCS, Berkeley DB, NetSuite, SFDC, dHTML, Access, FileMaker, WordPress, MediaWiki, cross-browser compatibility (spacer.gif)

StudyPoint, Inc.
National Director of Technology

2011 → 2013
Stoneham, MA

Developer of PHP and JavaScript web applications to support operations and marketing initiatives. Migrated infrastructure to AWS. Maintained application servers and contingency planning. Hired and managed 1 direct report.

Beckman Coulter Genomics
Senior Applications Developer

2008 → 2011
Danvers, MA

Full-stack B2B application developer with PHP, Oracle NetSuite, Perl, SFDC, third-party APIs, and eProcurement. Worked closely with business process owners to define requirements and implement solutions. Integrated B2B customer service portals from corporate acquisitions. Established SOPs and business continuance / contingency plans.

Neptune Web, Inc.
Senior Software Developer/Architect

2003 → 2008
Somerville, MA

Full-stack developer (primarily PHP) with pre-sales, product training, project management and support responsibilities. Extended flagship "Neptune Web Edit" CMS product with custom PHP feature modules (blogging, podcasting, etc.). Helped administer co-located Linux servers and local infrastructure.

Northern Light Technology
Senior Software Engineer

2001 → 2003
Cambridge, MA

Lead developer of the "Content Filtering" (extraction and normalization) components of the SinglePoint Enterprise Search product (both installed and as a service), written in object-oriented Perl. Worked closely with Data Analysts and the Core Engineering Team. Engaged customers as sales engineer and implementation lead.

Razorfish, Inc.
Senior Technologist

2000 → 2001
Cambridge, MA

Developer of marketing, ecommerce, and intranet web applications for premier global brands, working closely with client stakeholders and development teams, often on-prem.

EDUCATION

Bachelor of Arts:
Computer Science
& Digital Media Studies

Hampshire College
School of Cognitive Science
(Amherst, MA)

Five College GPA: 3.76

Recipient of research grants from The National Science Foundation, UMASS Center for Intelligent Information Retrieval, and The Lemelson Foundation.

Thesis Project:
Mediahole.com: A Streaming Audio MP3 Search Engine

Discovery based web crawling, real time agents and a search backend/interface to 30,000 internet radio stations.

Published Research:
Larkey, Ogilvie, Price & Tamilio. *Acrophile: An Automated Acronym Extractor and Server*. Proceedings of the ACM Digital Libraries 2000 Conference.

STATUS (NOVEMBER 2024)

Seeking full-time employment, and/or short-term consulting engagements. Remote / Hybrid only. Available immediately.

tamilio.com/resume