

BRIAN W. WOLTER

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Technology Architect with **15 years** of engineering experience and **10 years** of leadership experience.

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EXPERIENCE

Grid North / VP Engineering / Feb 2018 – Present

Grid North / Technology Architect / July 2016 – Feb 2018

<http://www.hirepurpose.com>

Grid North is the developer of Hirepurpose, a recruiting platform which matches military veterans with Fortune 1000 customers.

- I oversaw a large scale system redesign¹ which has significantly improved resource utilization, team independence, and set the technical foundation for the next generation of the product;
- Developed ML classification and recommender systems which have improved job search relevance and personalization; and
- Coordinated engineering resources and provided support, mentorship, and guidance to the engineering staff.

Momentum / Lead Technology Architect / Feb 2015 – June 2016

<http://madewithmomentum.com>

Momentum was a social media marketing and analytics startup co-founded by myself with four partners. Momentum integrated with the major social networks to continuously ingest, monitor, and analyze millions of social interactions in order to facilitate a number of goal-oriented marketing mechanics².

- I designed the product's architecture, built critical components of the system, and oversaw development of the product; and
- Worked with customers and my partners to prioritize product objectives and to define and manage the product roadmap.
- Shortly after its launch, Momentum was awarded the IDPF Innovation Award at BEA 2015, publishing's largest trade show.

Zumur / Lead Technology Architect / Dec 2013 – Feb 2015

<https://angel.co/zumur> § <https://zumur.com> (defunct)

Zumur was a consumer products search engine and price analytics startup billed as “the Kayak.com of consumer products”. I was the technical architect and engineering lead for the product, which supported realtime aggregating search and continuous price data indexing of millions of products sold on scores of retail platforms. I co-invented U.S. Patents 9,703,828, 10,042,883 and two provisional patents relating to my work on this product.

¹ <https://bit.ly/2kRrvui>

² <https://bit.ly/2tJkL7X>

EXPERTISE

- System architecture
- API, web development
- Machine learning
- Information retrieval
- iOS, macOS development
- Engineering management
- Product management
- Technical writing & communication

Languages

Go, Java, Objective-C, C, Python, Javascript, SQL, et al

Databases

PostgreSQL, Elasticsearch, Cassandra, MongoDB, Redis, InfluxDB, SQLite

Infrastructure

AWS, Docker, RabbitMQ, Etc

Et cetera

French: limited working proficiency (B1/B2)

PROJECTS

Occu-pi IoT sensor system

<https://bit.ly/2tHtXKT>

EPL predicate language

<https://bit.ly/2MEiH99>

Percolator service discovery

<https://bit.ly/2KCWhVe>