Bart J. Riepe, Engineer

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SUMMARY

I am an experienced full-stack developer and system administrator. I have worked for both startups and large corporations and know my way around both. I do my best work in an environment that values freedom and responsibility.

EXPERIENCE

Nature Research, Webdeveloper, Nature Index   Jan 2016 — Dec 2017
https://www.nature.com

PHP MongoDB PostgreSQL Ruby (on Rails) Elasticsearch AWS Machine Learning
Graph Databases Unix Nginx JQuery Vue.js Redis

Build out the Nature Index website and system.

- Rebuild academic ranking generation to be more maintainable and take only 1/10th of the time, saving up to 9h per ranking for +/- 50 rankings/month.
- Adapted and migrated internal applications to our local CloudFoundry (Application) platform.
- Updated and clarified reporting to find tens of thousands of missing articles.
- Generated ML model to help with matching our database of institutions to sometimes extremely arbitrary affiliation strings in academic articles.

Rinkya Inc., Technical Lead / Director   Sep 2012 — Dec 2015
https://www.rinkya.com

PHP MySQL Perl AWS Unix Nginx Sphinx Search JQuery Angular Vue.js Redis

Run all development and IT services for Rinkya Inc.

- Redeveloped previous 2003 website, giving staff much greater insight, and automating many processes previously done by hand.
- Administrative system that saves hours of manual transaction matching per month, and provides accountability to administrative staff.
- Integration with Fedex that automatically creates invoices and package labels for +/- 1000 packages/month.
- Advice and make decisions regarding product purchases and IT budget.

Serial Experiments, CEO / Owner   2010 — Present
https://serial-experiments.com

PHP C# MySQL Nginx Unix

Build & sell web-based products for SMB & NPOs based in the Netherlands.

- Mainly dynamic (CMS backed) company websites for small businesses in the Netherlands.
- Partnered with two design firms for a guaranteed stream of work.
- Created a platform for rapid iteration on customer feedback (e.g. Continuous Integration before it was a thing)

INFI B.V., Full-Stack Developer   2007 – 2009, 2011 — 2012
https://www.infi.nl

PHP C# VBA Java MySQL MSSQL Unix

Consulting on software solutions for Dutch SMB and enterprises.

- VBA application for word to automatically fill out all client information from external database.
- Optimized questionnaire builder giving flawless performance regardless of size.
- Chatbot for one of the 'Big Three' clubs of Dutch soccer play.
- E-learning system later used in/as official dutch e-learning curriculum builder.

fonQ B.V., Developer / System Administrator   2009 — 2010
https://www.fonq.nl

Customer Support   PHP   C#   MySQL   MSSQL   Windows Server 2008   Active Directory

Build internal systems to optimize/facilitate fonQ business processes and general systems administration.

- Optimized customer search, from 4s to <1s, seriously reducing customer service representatives frustration when helping customers.
- New application for our warehouse, which optimizes time spent walking as much as possible.
- Uncountable scrapers for different e-commerce systems to ensure our lowest price guarantee.

PROJECTS

98Clicks   2016 — Present
https://98clicks.com

PHP   Scraping   PostgreSQL   Machine Learning

98Clicks stores and provides a daily selection of headline news from (almost) every country in the world.

EVE Marketeer   2011 — 2013
http://www.evemarketeer.com

PHP   MySQL   JQuery   Redis

EVE Marketeer was a statistics website for the game EVE online. It provided players with information on the in-game market, price evolution/history, and the best things to buy or sell.

Pokemon Online   2017 — 2017
http://pokemon.serial-experiments.com

Open Street Maps   Vue.js   Websockets   PHP   MySQL   Redis

Play Pokemon Go online in a format similar to the original pokemon games. Including battling other players you encounter.

VOLUNTEERING

Startup Weekend, Organizer   2015 — Present
http://startupweekend.org/

Startup Weekends are weekend-long, hands-on experiences where entrepreneurs and aspiring entrepreneurs can find out if startup ideas are viable.

EDUCATION

Utrecht University Of Applied Sciences   2005 — 2009
Bachelor of Engineering - Mediatechnology (E-Marketing)

LANGUAGES

Dutch *(Native)* , English *(Fluent / Native)* , Japanese *(Conversational)*

INTERESTS   Reading *[Fantasy, Sci-Fi]*, Gaming *[Computer, Board]*, Pizza, Beer *[Belgian]*, Hiking