Daniel Berstein

daniel@basegeo.com https://daniel.berste.in/
https://www.linkedin.com/in/danielberstein/

> Versatile software engineer with experience designing, building, deploying and maintaining web enabled systems.

Experience

Cycode: 2022
*****DevOps Engineer**

Kubernetes monitoring/alerting stack researcher:
- **Grafana** dashboards, both static & dynamically generated, with configurable **Slack** notifications from mixed datasources: **Mimir**/**Prometheus**/**Loki**+**Promtail** with configurable variety of **authentication** methods
- Provisioned via **Terraform** module(s) to GKE/EKS/custom clusters, automated by Gitlab CI/CD pipeline(s)

BlazeMeter: 2017-2021
*****Staff Software Engineer** (2020-2021)

@CA Technologies | Broadcom, Enterprise Software Division
- Mentoring new engineers about platform
- Non-trivial tasks lead (ie. minimize breaking changes for some new features)

* Sr Software Engineer (2018-2020)

@CA Technologies | Broadcom, Enterprise Software Division

Performance rocker, sprint surfer. Multi-cloud solutions (**GCP, AWS, Azure**), SDK clients for **PHP** 5-7 and **Python** 2-3:
- Provisioning of Vms
- **S3**-compatible solution: ie. Minio and boto3
- Convert **Docker** image solution to **native** multi-platform solution using **PyInstaller** and **NSSM** for **Win32** service management
- Introduced use of **Alpine Linux** for reduced **security** footprint and size/cost improvements
- **Splunk** dashboards

* Software Engineer (2017-2018)

@CA Technologies CI/CD Division

Developed **solutions** with a mixture of **PHP, Python, Docker, MongoDB, Java, BASH**. Contributor to multi-cloud provisioning system for AWS, GCE, Azure. Member of **team** nominated to CA's 2017 "Barrier Breaker" award. Maintenance team for production systems (**devops**).

ironSource: 2013-2016

Implemented **strategic**, **tactic** and **operational** solutions using a variety of technologies; **maintainer** of legacy codebase. Keeper of **high traffic** web properties with multi **million** hits a day retaining high **performance**, **security** and **appraisal**.

@Team Search

* Senior Backend Developer (PHP, SQL, Python, Go)

- Senior back-end solutions developer
- PHP backend, Golang geocoding microservice, SQL queries, Bash automation, etc.
- Supporting analysts with Redshift

@Team Display

* C# Developer (2013-2014)

Building C# solutions for our digital display platform on Azure.

AfterDownload Ltd: 2011-2013

* Senior developer

Reporting directly to the CTO and the Director of R&D.

- **Designed** & implemented prototype of online advertisement platform C.A.S.T.
- Maintained hundreds of **landing pages** for FriedCookie.
- Designed & implemented **tracking system** of installations (PIO: Products, Installation & Offers).
- **Planned** and executed integations with partners.
- Technical contact & **lead developer** for most strategic client: CNET's **Download.com** (ie. native ads platform & PPD bidding program).
- PHP, SQL development and **Debian** system administration.
- **Integrations** with CyberSource, **PayPal** and **SendGrid** services.
- **Management** of **Apache** and mod_php.

Teleweb Services: 2008-2011
*R&D Special Operations Senior Developer (2010-2011)

- R&D special projects for business growth

*R&D Team Leader (2009-2010)

- Architecturize, implement and maintain **distributed** and adaptable systems.

*Senior PHP Developer (2008-2009)

- Senior member of eCommerce back-end PHP development team

Zend Technologies: 2006-2008
*PHP Developer

- Maintainer of mission critical, fault tolerant web systems.
- Part of geographically distributed team (US east/west, Germany, Israel).

Koret Communications: 2005-2006
*Senior PHP Developer

- Design and development of **multilingual** dynamic web applications.
- Administration of Linux servers: Apache, MySQL, PostgreSQL, Postfix, Dovecot

Mapas Digitales S.A. (dmapas.com): 2001-2005
*Project Manager

> **Leader** of software development **team**.
> Some project under my responsibility:
>
> - Chilean postal authority Postal Code implementation.
> - Design of huge Oracle 8i database installations.

Inter Media S.A.: 2000-2001
*Web Developer

> Design and development of dynamic web systems/applications.
> Administration of Linux/Windows NT servers with HTTP (Apache/IIS) and
> database (MS-SQL/MySQL) services.
>
> Some projects under my responsibility:
> - Lan Chile website (http://www.lanchile.com)
> - BDF Eucerin LatAm (http://www.eucerin-la.com)
> - Radio DUNA (http://www.duna.cl)
> - Watt's (http://www.watts)

Independent consultant: 1998-2000

> Freelance software **developer** (**POS,** thesis support, web pages, etc).
> - Y2K readiness, **support** and hardware maintainer for several
>   customers.
> - Assembly and **sale** of custom computers.