Daniel Berstein

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

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** modules to GKE/EKS/custom clusters, automated by Gitlab CI/CD pipelines

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 micro-service, 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 <u>FriedCookie</u>.
   - Designed & implemented **tracking system** of installations (PIO: Products, Installation & Offers).
   - **Planned** and executed integrations with partners.
   - Technical contact & **lead developer** for most strategic client: CNET's <u>Download.com</u> (ie. native ads platform & PPD bidding program).
   - PHP, SQL development and <u>Debian</u> system administration.
   - **Integrations** with <u>CyberSource</u>, <u>PayPal</u> and <u>SendGrid</u> services.
   - **Management** of <u>Apache</u> 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)
   - Architect, 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.