Jan Killian

jan.kil....@gmail.com, +420-776-0-776-76
20 Sokolská St., Prague 2, 120 00, CZ

*First make it **work**. Then, make it **beautiful**. Then, make it **fast**. ~ adapted from BackType*

About

Working on projects to meet people, take on challenges, build things and learn.
You can find me on linkedin.com/in/killian, github.com/iki, +jankillian and @jankillian.
I'm a citizen of Czech Republic and EU, born in 1975.

Skills

Focus:	**Python**, **Django**, **Google App Engine**, **Google Apps** API design, NoSQL/SQL data modelling, code/service architecture Web application security and response time optimization Javascript, CoffeeScript, AngularJS HTML5+CSS3, H5BP, Twitter Bootstrap, Sass/Less, Shapml/Haml
Background:	bash/sh/ksh, Jython, Java, Beanshell, Perl, PHP, C, Asm x86 MongoDB, memcached, PostgreSQL, MySQL, DB2, SQLite Flask, Webapp2, WSGI, Apache, nginx, JBoss, Tomcat, WebSphere Linux, Novell NetWare, OS/400 and Windows servers Small to mid-scale Linux server/node and Windows desktop management
Talents:	Analytic and conceptual thinker, explorer, troubleshooter, team player
Languages:	Czech (native), English (advanced)

Experience

Head of software development
2012-2013
Netmail   Ref: Bohuslav Dohnal, Managing director

Lead development projects using Google App Engine and Google Apps.

- Designed and implemented REST APIs and backend architecture in Python.
- Implemented project skeleton and libraries for data modelling, reusable REST API views, backend tasks, access control, GAE hooks and multilevel caching.
- Implemented libraries and tasks for using Google Apps API. Synchronized users, calendars, documents and document changes.

Freelance/Startup Developer
2010-2011
Terraio startup + multiple clients   Ref: Tomáš Bílý, MFF UK Researcher&Developer

Developed projects using Python, Linux and Google App Engine.

- Built an initial phase of network cloud services management project for an Amsterdam based european network operator. Implemented p2p network testing probes driven by Kamaelia multithreaded generators and running as daemons under Supervisord on Ubuntu VM nodes. Implemented operating processes for node/package management (fabric, supervisord, sh, stdeb, reprepro, git, apt) and infrastructure setup (mongodb, rsyslog, tinyproxy and nginx servers).
- Prototyped Google App Engine Python backend for QR based advertisment monitoring and gaming platform.

Developer/Specialist
2005-2009
Commerzbank   Ref: Ryan McGloin, Local Head ADS

Took part in an agile development process wherever IT interdisciplinary skills were needed.

- Setup testing environment and SUSE Linux WebSphere/JBoss/Oracle/Sybase infrastructure.
- Analysed e-banking and server infrastructure migration to the in-house managed server platform.
- Developed reporting and database checking tools (python), Connect:Direct scripting base (ksh, bat) and local servers/desktops/services management scripts (ksh, sh, bash, bat, python, sql).
- Lead local development of Firstspirit-based CMS applications for company Internet websites (java, jython, beanshell).
- Co-developed the Application Security Test Concept.

IT&eB Executive   2002-2004
Wyeth   Ref: Vladimír Chmela, CFO

>   Responsible for IT of Czech branch in a global network.

- Managed Novell Netware 5.1 network with Windows 2000 clients, S&M/F&A/R&D applications and Groupwise 5.5. Supported global internet, intranet, WAN, RAS, security, ITC and eB solutions. Planned budget and managed assets, suppliers and services.
- Reshaped servers and network to be compliant with global setup and policies, cooperated in merge into global NDS, implemented global ZENworks based workstation management. Coordinated local JDE implementation, network infrastructure upgrade and country intranet setup.

Network Administrator   1996-2002
H-Media   Ref: Michal Ouzký, Technical Manager

>   Responsible for IT.

- Implemented and managed Novell Netware 4.11/5.1 network with Windows 95/98/NT clients, S&M/F&A applications, Internet, e-mail, backup, security and data exchange.
- Implemented Novell ZENworks based workstation management with Windows deployed from disk images and user applications, policies and profiles automatically delivered from network.

MIS Technician   1999-2000
TRW   Ref: Jamal Ashraf, CFO

>   Responsible for Brain XPPS production planning and control system. Co-responsible for IT.

- Managed XPPS on AS/400, provided DB2 qrymgr/SQL data reports for F&A, logistics and warehouse management. Coordinated warehouse inventories with CFO.
- Co-managed Novell Netware 4.11/5.0, Novell Groupwise 5.1 and Ethernet/Token Ring network. Supported NDS/Groupwise operations within TRW Global Network and WAN/EDI/RAS solutions.

User Support Technician (Civil Service)   1998-1999
University of Economics   Ref: Jan Havlíček, Support Manager

>   Supported 1500+ employees in 3-member team.

- Installed new hardware and software, reimplemented image based workstation deployment.
- Cooperated in LAN/MAN maint., Netware troubleshooting and setting up a new college network.

Network Administrator   1994-1997
Billboard   Ref: Štěpán Hutla, Technical Director

>   Responsible for IT.

- Implemented and managed Novell Netware 3.12/4.11 network with Windows 3.1/95 clients, S&M/F&A applications, Internet proxy, e-mail, backup and security.
- Supervised development of campaign building client application.

Network Administrator (Scholarship Activity)   1994-1995
Faculty of Mathematics and Physics at Charles University (MFF UK)

>   Co-administered Novell Netware 3.11 computing lab network.

E d u c a t i o n

Secondary and University Education

Gymnázium Korunní - Zborovská

Specialization:	German Language	1990-1991
	Mathematics	1991-1994
Degree earned:	Maturita (General Certificate of Education)	

Faculty of Mathematics and Physics at Charles University (MFF UK)   1994-1997
>   Study branch: Master Study (MSc.) of Computer Science
>   Interrupted the study in 4th semester due to time constraints with 2 half-time jobs.