

First make it **work**. Then, make it **beautiful**. Then, make it **fast**. — BackType

About

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

Skills

Focus:

- **JavaScript** Frontend: **Angular** 1/2, **React**/Redux, ES2016
- **Python** Backend: Flask, Django, Google App Engine
- **API** design: Swagger, RAML, Apiary, GraphQL
- **SQL/NoSQL** data modelling: PostgreSQL, MySQL, MongoDB, Redis
- Web application **security** and **page speed** optimization

Background:

- Bash/sh/ksh, Perl, PHP, C, Jython, Beanshell, Java, Asm x86
- Linux, Novell NetWare, OS/400 and Windows servers

Talents: Analytic and conceptual thinker, architect, troubleshooter, team player

Languages: Czech (native), English (advanced)

Experience

Software developer

[Salsita Software](#)

since 2013

Ref: [Roman Kaspar](#), Director of Engineering

Developing web applications with Angular, React, Flask, REST API's and NoSQL+SQL databases.

- Developing React/Redux photo manager for next generation of Balfour MyYear.
- Developed Python/Flask/MySQL backend and Angular/HighCharts frontend for Balfour Reporting.
- Developed Angular core for [SmartBear](#) SaaS platform and AlertSite service on top of it.
- Developed mobile HTML5 Angular apps for [Monterosa](#) and major british TV's.

Head of Software Development

[Netmail](#)

2012-2013

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.

Software Developer

[Terraio](#) startup + multiple clients

2010-2011

Ref: [Tomáš Bílý](#), MFF UK Researcher and 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 Supervisor on Ubuntu VM nodes. Implemented operating processes for node/package management (fabric, supervisor, sh, stdeb, reprepro, git, apt) and infrastructure setup (mongodb, rsyslog, tinypoxy and nginx servers).
- Prototyped Google App Engine Python backend for QR based advertisement monitoring and gaming platform.

Software Developer

[Commerzbank](#)

2005-2009

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

Wyeth

2002-2004

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

H-Media

1996-2002

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

TRW

1999-2000

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)

University of Economics

1998-1999

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

Billboard

1994-1997

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)

Faculty of Mathematics and Physics at [Charles University](#) (MFF UK)

1994-1995

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
Mathematics

1990-1991

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.