

Philipp Gillé - Résumé

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Overview

- Software engineer
 - Backend, Java, C#, ... (see [Hard skills](#) for more)
- Living in Leipzig, Germany
- Speaking fluent English and German, some French
- Willing to relocate or work remotely
 - Some cities I'd like to work in: San Francisco / Bay Area, Dubai, Singapore, Perth
- Willing to work full- or part-time, as well as contract work
- Preferring to work in either agile startups or innovative subsidiaries / departments of corporations

CV in chronological order

1. Born 1987-06-15 in Göttingen, Germany
2. School:
 1. Primary school: 1993 - 1999
 2. Secondary school ([Gymnasium](#)): 1999 - 2006; advanced courses: *math and physics*
3. Basic military service: 2006-07 - 2007-06
 1. Boot camp: EloKaBtl 912, Nienburg (Weser), Germany
 2. Main unit: EloKaBtl 932, Frankenberg (Eder), Germany
4. Training / apprenticeship: 2007-08 - 2010-01
 - In several subsidiaries of [Bertelsmann AG](#), Gütersloh, Germany
 - In combination with the private school "[b.i.b.](#)" in [Paderborn](#), Germany
 - "*Computer Science Expert, Subject Area: Software Development*"
5. Traveling abroad: 2010-02 - 2010-07
 - Backpacking around Australia
6. University: 2010-09 - 2013-12
 - [Hamburg University of Applied Sciences \(HAW Hamburg\)](#)

- *Applied Computer Science*
- Bachelor's thesis: "A study about data exchange in mobile environments"
 - Compared SOAP, REST, OData, Binary Protocols (Apache Thrift) and Backend-as-a-Service

7. Work:

1. During university from 2013-03 to 2013-12:
 - Student employee at [Sunato Gmbh](#)
 - *Developing mobile apps (Windows Store, Windows Phone)*
2. 2014-01 - present:
 - Software engineer at [Apinauten GmbH](#)
 - *Developing Enterprise-Backend-as-a-Service in Java*
 - *Developing client SDKs in Java (Android) and C# (Xamarin)*
 - *Developing connectors to existing legacy systems*
 - *Project work (backends for customer-specific webapps)*

Hard skills

Technologies, programming languages, frameworks, libraries, tools, ...

In **alphabetical order**.

Professional

- [Agile software development](#), [Scrum](#)
- Continuous Integration / Continuous Deployment
 - (Jenkins, [Travis CI](#), [AppVeyor](#))
- C# (6), .NET, Mono, .NET Core, LINQ
- Docker, Docker Swarm clusters
- Git
- Go / Golang
- IDEs: Eclipse, MonoDevelop, Visual Studio, Visual Studio Code
- Java, Java Streams
- Linux Command Line
- RESTful APIs / Backends

Intermediary

- Amazon Alexa Skill Development in Java
- [Applmage](#) creation (universal Linux packages, similar to [Snap](#) and [Flatpak](#))
- Bash scripts
- Bitcoin and Blockchains, [Lightning Network](#)
- [Chocolatey](#) package creation (Windows packages)
- Cloud services:
 - [Amazon AWS](#) EC2, EBS, Lambda
 - [Microsoft Azure](#) VM, App Service, Functions, Cognitive Services
 - [AppHarbor](#) (PaaS)
 - [mLab](#) (MongoDB DBaaS)
 - VM hosting providers: [Scaleway](#), [Hetzner Cloud](#)
- [Inno Setup](#) (Windows installer creator)

- Linux Server management
- [MongoDB](#)
- NoSQL in general
- [Snap](#) creation (Linux packages)
- SQL (MS SQL, Oracle SQL, MySQL, SQLite)
- [Twilio](#) Voice and SMS
- Windows PowerShell

Beginner

- [Apache Batik](#) (Java SVG library)
- [Apache Thrift](#) (binary protocol similar to [Google Protocol Buffers](#))
- [ASP.NET](#) Web API (by far the most popular web framework for C#/.NET)
- [BitcoinJ](#) (Java library for interacting with the Bitcoin blockchain)
- Blockchain smart contracts in general
- [Bolt DB](#) (embedded database for Go / Golang)
- [Erlang](#) (programming language for highly scalable distributed high-availability systems)
- [gRPC](#) (RPC framework by Google)
- [Homebrew](#) package creation (macOS packages)
- [Kubernetes](#) (container orchestrator)
- Machine Learning / Deep Learning in general
- [Redis](#) (in-memory cache server)

Soft skills

- High attention to detail
- Teamwork, enabling colleagues to be more productive with sharing my knowledge
- Adapting habits to be more productive
- INTJ / INTP personality ([Myers-Briggs](#))
- Optimistic towards the future
- Moderately liberal (regarding economy *and* society), cosmopolitan, globalist, borderless, progressive, futuristic thinking
- Technology maximalist

Notable side projects

Under active development

- [ln-paywall](#)
 - Go middleware for setting up a paywall for an API, payable via the [Lightning Network](#)
- [lightning.ws](#)
 - A web service with an API that's payable via the Lightning Network / a demo deployment of [ln-paywall](#), including a web frontend
 - Open source: [GitHub](#)
- [boltwall.com](#)
 - Website for the "umbrella" for [ln-paywall](#), [lightning.ws](#) and future related projects
- [gokv](#)
 - A Go package that contains an abstraction for key-value stores and multiple implementations

Previous or low priority projects

- [sms.trade](#)
 - Service for trading Bitcoin on Kraken and Coinbase via SMS
 - ASP.NET Web API, C#, running on AppHarbor PaaS, using [mLab](#) MongoDB DBaaS
- [hello-netcoreapp](#)
 - Full-blown project template / boilerplate for Open Source .NET Core console applications
- [Blockchain Explorer as Amazon Alexa Skill](#)
 - Open source: [GitHub](#)
- [ApiOmat SDK Go](#) and [ApiOmat CLI](#)
 - Go SDK and CLI for managing and interacting with [ApiOmat](#) servers
- [serve](#)
 - A simple static file server for sharing local files with colleagues
 - Packages for Windows (Scoop and Chocolatey), macOS (Homebrew) and Linux (Snap)
 - E.g. <https://snapcraft.io/serve>
- Windows Store app for discovering and reading *TL;DRs* on [tldr.io](#) (website down / taken over)