

Ryan Levick

Software developer continuously finding his way deeper into the software stack. From earlier days exploring type theory, he now spends his time twiddling bits.

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EXPERIENCE

Microsoft — *Principal Azure Cloud Dev Advocate - Rust*

Berlin January 2019 - PRESENT

- Voice of Microsoft in Rust community and vice-versa
- Major proponent of effort to adopt Rust inside of Microsoft's core engineering efforts including large teams like Windows and Azure
- Led various internal and OSS software projects centered around Rust

Microsoft — *Principal Software Engineer & Manager*

Berlin July 2015 - January 2019

- Led client (Android, iOS & Web) development for production project
- Grew and maintained team (virtual team size of roughly 20 engineers)
- Helped set direction for future technology stack used in organization
- Architected client applications (Android, iOS, Windows & Web)
- Architected Microsoft Exchange powered sync system

Wunderlist — *Backend Developer Lead*

Berlin January 2012 - June 2015

- Co-authored heterogeneous, asynchronous, distributed, realtime backend system coordinated with HTTP and message queues
- Rewrote large majority of backend system leading to over 3 times more throughput on one third of the servers
- Went from having no programming or computer experience to being one of the most trusted members of the team in one year

COMMUNITY

Speaker:

Rust{Fest,Conf}
{Rust, Ruby} Berlin

Blog:

twitch.tv/ryanlevick
YouTube: Ryan Levick
blog.ryanlevick.com

Organizer:

Rust Users Group Berlin
Strange Group Berlin

Volunteer:

Rails Girls Workshop Berlin
ClojureBridge Workshop Berlin

EDUCATION

Bachelor's in Marketing

Master's in International
Business

PROGRAMMING LANGUAGES

High Proficiency: Rust,
JavaScript

Medium Proficiency: Ruby,
Swift, Kotlin, C#, F#, Elixir,
Elm, C

TECHNOLOGIES

Low-Level: ELF, COM/WinRT

Infrastructure: Hashi Crop
Tech (e.g. Consul), Docker,
Kubernetes

Cloud Providers: AWS (EC2,
ELB, S3, Route 53, etc.),
Azure (VM, Functions, etc.)

Other: Linux, Networking,
Nginx, RabbitMQ, Git

TECHNICAL INTERESTS

Retro Computing, Compilers,
Virtual Machines, Operating
Systems