

Philipp Bartsch

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EDUCATION

BUSINESS COMPUTING (B.SC.)

HTW BERLIN - UNIVERSITY OF
APPLIED SCIENCES; 2008 - 2011
GPA: 3.3 / 4.0
German grade: 1.78

LINKS

Github:// [tastybug](#)
LinkedIn:// [tastybug](#)

EXPERTISE

DEVELOPMENT

Full Stack Development
Android Development

CI / CD / TESTING

Test Automation
Testing Strategies
Build Automation
Continuous Deployment
Continuous Integration

METHODOLOGY

Clean Code Advocate
Domain Driven Design
Fast Feedback Loops
Mentoring and Pairing
Lean / Agile Approach

TOOLBOX

Main Languages

Java (JVM&Android) • Groovy • Python
• Golang • Typescript • SQL-92+

Infrastructure

VM Based w/ Puppet • Kubernetes on
GCP • Docker • Keycloak • Android

Middleware, Frameworks, DBs

Spring / Boot • Vertx • Elasticsearch •
Kafka • Kafka Streams • MongoDB •
Oracle RDBMS • MySQL

Testing

Spock • Selenium • Mockito • JMeter
Tools

Jenkins • Teamcity • Jira • Trello •

Usvoice • Git • Subversion • Grafana
• Prometheus • Maven • Gradle

RECENT PROJECTS

EBAY | STAFF ENGINEER BACKEND, FTE

June 2018 - April 2021 | Dreilinden, DE

- Green field development of a multi-tenant, centralized vertical in the automotive space ("MoVe - Motors Vertical")
- Integration of market-leading horizontal classifieds platforms like **Kijiji Canada**, **Gumtree Australia**, **Gumtree UK**
- Event driven architecture, based on a Kafka Streams data pipeline
- Achieved high degree of elasticity to cover resource demand of a platform spanning multiple continents, fulfilling the demand of local business hour load peaks in a cost efficient manner
- Zero downtime migration of an on-premise Kafka infrastructure processing millions of records per day onto GCP
- Fostering a culture of observability across the platform
- Collaboration with external development vendors in different time zones
- Redesign of an inherited legacy domain model using DDD techniques

DEUTSCHE POST AG | SENIOR SOFTWARE ENGINEER, FREELANCE

January 2014 - June 2018 | Berlin, DE

- Shaping a massive microservice platform, serving millions of customers.
- Migration of critical path legacy monoliths into scalable microservices.
- Greenfield development of full stack microservices using various techstacks.
- Increased release frequency with improvements to the release process.
- Introduction of Domain Driven Design into the development process.
- Introduction of robust test automation allowing for Continuous Deployment.
- Advocacy of systematic knowledge sharing using various techniques like mentoring, pairing, mob programming and DDD's ubiquitous language.

EARLYNERDS | CO-FOUNDER, ANDROID DEVELOPER

March 2013 - February 2016 | Berlin, DE

- Creation and distribution of a productivity tool for teachers that achieved leadership by market share on Windows, top 3 spot by market share on Android in Germany in our niche within 12 months
- Lean development of Android & Windows Mobile apps, self distributed.

ELEGO GMBH & OTHERS | CD/CI CONSULTANT, FREELANCE

October 2011 - November 2013 | Europe

SIDE PROJECTS

OPEN SOURCE ANDROID APP DEVELOPMENT | POCKET LOG

November 2015 - Present

Creator and maintainer of a native Android app that offers revision-safe time tracking for Contractors and Freelancers, see [Github](#) and [App Store Presence](#)

PLUGIN-MAINTAINER / OPEN SOURCE DEV | JENKINS PROJECT

2012 - 2015

Maintainer of the Jenkins libvirt slave plugin, see [Plugin Landing Page](#)