

# Philipp Bartsch

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## EDUCATION

**BUSINESS COMPUTING (B.SC.)**  
HTW BERLIN - UNIVERSITY OF  
APPLIED SCIENCES; 2008 - 2011

## LINKS

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

## EXPERTISE

### DEVELOPMENT

Full Stack Development  
Android Development

### CI / CD / TESTING

Test Automation  
Testing Strategies  
Build Automation  
CI / CD

### METHODOLOGY

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

### CERTIFICATIONS

HashiCorp Cert. Terraform Associate  
Cert. Kubernetes Application  
Developer

## TOOLBOX

### Main Languages

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

### Infrastructure

Puppet • Kubernetes GKE • Docker •  
Keycloak • Vault • Terraform

### 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

**DELIVERYHERO | INTERIM PRINCIPAL ENGINEER, FREELANCE**  
May 2021 - June 2021 | Dubai, UAE

Supported development teams in the groceries business domain with issues around code quality, testing strategies and ways of applying DDD to find robust bounded contexts.

**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

**ELEGO GMBH & OTHERS | CD/CI CONSULTANT, FREELANCE**  
October 2011 - November 2013 | Europe

## SIDE PROJECTS

**OPEN SOURCE ANDROID APP DEVELOPMENT | POCKET LOG**

**PLUGIN-MAINTAINER / OPEN SOURCE DEV | JENKINS PROJECT**