

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

EMPLOYMENT TIMELINE

WAYFAIR | STAFF ENGINEER IN WAREHOUSING PLATFORM, FTE
Since November 2021 | Berlin, DE

- Migrating a legacy PHP system for Warehouse Processes into a microservices architecture.
- Reshaping engineering processes to support cross-functional work in Wayfair Fulfilment Network.

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 IN SELLER SYSTEMS PLATFORM, 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 DDD and robust test automation into the development process.

EARLYNERDS | Co-FOUNDER, ANDROID DEVELOPER
March 2013 – February 2016 | Berlin, DE

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

IT4LOGISTICS | SOFTWARE DEVELOPER (WORKING STUDENT)
Nov. 2008 – May 2009 | Potsdam, DE

DEBITEL AG | SOFTWARE DEVELOPER, FTE
Sept. 2004 – May 2006 | Cologne, DE

RAZORCAT GMBH | SOFTWARE DEVELOPER, FTE
Sept. 2003 – Aug. 2004 | Berlin, DE