Philipp Bartsch

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EDUCATION

BUSINESS COMPUTING (B.SC.)
HTW Berlin, 2008 - 2011
GPA: 3.3 / 4.0
German grade: 1.78

IT SPECIALIST FOR APPLICATION DEVELOPMENT
ITW Berlin, 2000 - 2003
Vocational Education

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 • Uservoice • Git • Subversion • Grafana • Prometheus • Maven • Gradle

RECENT PROJECTS

EBAY | Member of Technical Staff I, Backend
since June 2018 | Dreilinden, DE
- Green field development of massive multi-tenant motors vertical (”MoVe”) spanning the globe
- Integration of established horizontal classifieds like Kijiji Canada , Gumtree Australia
- Setup of a Kafka streams based multi tenant data pipeline that processed millions of records per day
- Migration of an on-premise Kafka infrastructure onto Google Cloud Platform
- Reformation of an inherited legacy domain model using DDD techniques

DEUTSCHE POST AG | Senior Software Engineer, Freelance
April – June 2018 | Berlin, DE
- Lowered operational and development costs anticipating upcoming projects by optimizing business processes and removal of legacy services.

DEUTSCHE POST AG | Senior DevOps Engineer, Freelance
January 2014 – Feb 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 | Continuous Delivery Consultant, Freelance
October 2011 – November 2013 | Europe
- Technical consulting around software test automation for mobile apps.
- Introduction of Continuous Integration & Continuous Delivery into various backend and mobile projects.

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