

DARIO BANFI

PERSONAL INFORMATION



email dario.banfi9@gmail.com
location Munich
website <https://dariobanfi.github.io>
citizenship Italian

WORK EXPERIENCE

McKinsey **10/18 - Now** FullStack Software Architect, Munich
Building a brand new cloud-scalable E-commerce platform for a very large edutainment organization.
AWS, MICROSERVICE ARCHITECTURE, SPRING, REACT, TYPESCRIPT

Freelancer **03/18 - Now** Freelance Software Engineer, Munich
Freelance Software Engineer for different projects:

- BMW ElectricCity app with e-Driving gamification concept (DJANGO, ANDROID, OPENSIFT)
- SaaS for teachers (ANGULAR 6, TYPESCRIPT, SPRING, POSTGRES)
- Enterprise Architecture definition for KPMG (AZURE, NODE, DJANGO)

Netlight **06/16-01/18** Consultant, NETLIGHT, Munich
Netlight is a Europe-wide consulting company focusing on the digital industry.
NETLIGHT · netlight.com

Audi Business Innovation
as Consultant **10/17-01/18** Android Developer, ABI/EE MOBILITY, Munich
Lead Android Developer on a map-based application for electric charging stations. In cooperation with eeMobility.
ANDROID, KOTLIN, JENKINS, PLAY SERVICES, RXJAVA, DAGGER 2 · ee-mobility.com

Jameda
as Consultant **07/17-10/17** Frontend Developer, JAMEDA, Munich
Introducing new offline-first and server rendered React Frontend Stack and taking care of DevOps and migration to AWS.
REACT, SSR/UNIVERSAL APP, SERVICE WORKERS, AWS · jameda.de

HolidayCheck
as Consultant **01/17-07/17** Fullstack Developer, HOLIDAYCHECK, Munich
HolidayCheck is one of the biggest travel portals of german-speaking countries. I worked on the authentication systems and users personal area.
NODE, REACT, AUTH0, BIGQUERY, NIXOS, KUBERNETES · holidaycheck.de

Glomex
as Consultant **06/16-12/16** Fullstack Developer, GLOMEX, Munich
Glomex offers a global marketplace of video content for publishers and content owners. My responsibilities included fronted development of the main product.
ELASTICSEARCH, AWS, REACT, NODE, HTML5 API · glomex.com

Data61 **08/15-02/16** Networking Researcher, DATA61 — Sydney
Research in the field of Software Defined Networking and Multipath Routing, which led to a publication for local computer network conference (LCN 2016).
C, PYTHON, OPEN vSWITCH, LINUX NETWORKING, TCP · data61.csiro.au

Weptun **2014-2016** Android Developer, WEPTUN GMBH — Munich
Android development in a mobile-focused company. Developed and designed many

apps, including high-performance, low-latency video streaming application
NDK, RxJava, Retrofit, Dagger, Espresso, Spring · weptun.de

2013–2014 Software Developer, REPLY — Milan

Security Reply

Designed and built a Threat Intelligence Platform, which crawled data from multiple feeds and generated notifications for vulnerable company assets.
PYTHON, DJANGO, SCRAPY, C#, POSTGRESQL · reply.eu

EDUCATION

2014-2016 Technische Universität München, Munich

*Master in
Informatics*

GPA: 1.5 · Master Degree in Informatics
Field of Specialization: *Distributed Systems, Networks and Security*

2010-2013 The University of Turin, Turin

BSc in Informatics

GPA: 105 · Bachelor Degree in Informatics
Erasmus Exchange in the Universidad Autonoma de Barcelona (UAB), Faculty of Engineering

SKILLS

Languages

JAVA, JAVASCRIPT, PYTHON (>5 years) · C#, C (>3 years) · KOTLIN, SCALA, PHP

Frontend

REACT.JS, ANGULAR 2+, WEBPACK, TYPESCRIPT, SSR, PROGRESSIVE WEBAPPS, REDUX, FLUXIBLE, BACKBONE, RAMDA, IMMUTABLE.JS, WEBSOCKETS, JQUERY
ES6, HTML5, JWT, SVG Interpolation, Google Analytics/GTM
Testing: MOCHA, JEST, SINON, CHAI, AVA, GALEN, GEMINI, SAUCELABS

Backend

Javascript: NODE.JS, EXPRESS, KOA
Java: SPRING BOOT, GRADLE, MAVEN, JDBC · *Scala:* AKKA
Python: DJANGO, FLASK
Data storage: MYSQL, MONGODB, POSTGRESQL, BIGQUERY, S3
Infrastructure: DOCKER, ELASTICSEARCH, AWS, GOOGLE CLOUD, AUTH0, JENKINS, NIX, MESOS, KUBERNETES

*Mobile
Development*

Cross-Platform (Cordova React-Native) and Android. Kotlin, Play Store releases, ADB, Rooted Apps, APK reverse engineering, NDK, GCM
Libraries: Retrofit, OkHttp, RxJava, Dagger, Picasso, Active Android, Espresso, Mockito

Software Eng.

TEST-DRIVEN DEVELOPMENT, AGILE, SOFTWARE CRAFTSMANSHIP, CLEAN CODE, SCRUM, FUNCTIONAL PROGRAMMING, OOP, UML

Networks

IPv4/v6, standard network protocol stack (TCP/IP, DNS, DHCP, HTTP, etc.), RTP/SRTP/RTSP/ONVIF, MULTIPATH TCP, IPROUTE2, WebSockets
Software Defined Networking: OPENFLOW, OPEN vSWITCH, RYU

OTHER INFORMATION

Languages

ENGLISH, GERMAN, SPANISH · Fluent
ITALIAN · Native

*Publications &
Awards*

· Endpoint-Transparent Multipath Transport with Software-Defined Networks LCN 2016 · Dario Banfi, Olivier Mehani, Guillaume Jourjon, Lukas Schwaighofer, Ralph Holz · <http://ieeexplore.ieee.org/document/7796803/>
· First prize and Microsoft API winner at 7Hack Hackaton

Volunteering

2015 · IFIP WG 7.3 Performance Conference

Interests

Guitar · Cooking · Surfing · Travelling · Geopolitics · Reading