

DARIO BANFI

PERSONAL INFORMATION



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

WORK EXPERIENCE

Netlight

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

HolidayCheck
as Consultant

01/17-Now 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

Trillr
as Consultant

12/16 Frontend Developer, TRILLR, Munich
Trillr provides a unified shopping search interface for multiple stores. My main tasks included enhancing frontend automation, performance and SEO improvements.
ANGULAR, ISOMORPHIC JAVASCRIPT, WEBPACK, NGINX · trillr.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
Australia's Information and Communications Technology Research Centre of Excellence. 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

Security Reply

2013-2014 Software Developer, REPLY — Milan
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

Master in Informatics

2014-2016 Technische Universität München, Munich
GPA: 1.5 · Master Degree in Informatics
Field of Specialization: *Distributed Systems, Networks and Security.*

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| <i>Erasmus Exchange</i> | 2012 | Universitat Autònoma de Barcelona, Barcelona |
| | Erasmus in the Faculty of Engineering, UAB | |
| <i>BSc in Informatics</i> | 2010-2013 | The University of Turin, Turin |
| | GPA: 105 · Bachelor Degree in Informatics | |

SKILLS

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| <i>Languages</i> | JAVA, JAVASCRIPT, PYTHON (>5 years) · C#, C (>3 years) · SCALA, PHP, ASP (Occasional Projects) |
| <i>Frontend</i> | REACT.JS, ANGULAR, WEBPACK, SSR, ROLLUP, REDUX, FLUXIBLE, BACKBONE, RAMDA, IMMUTABLE.JS, HYPERSCRIPT, WEBSOCKETS, JQUERY ES6, HTML5, JWT, SVG Interpolation, Google Analytics/GTM Testing: MOCHA, JEST, SINON, CHAI, AVA, GALEN, GEMINI, SAUCELABS |
| <i>Backend</i> | <i>Javascript:</i> NODE.JS, EXPRESS, KOA <i>Java:</i> SPRING BOOT, GRADLE, MAVEN, JDBC · <i>Scala:</i> AKKA <i>Python:</i> DJANGO, FLASK <i>Data storage:</i> MYSQL, MONGODB, POSTGRESQL, BIGQUERY, S3 <i>Other:</i> DOCKER, ELASTICSEARCH, AWS, GOOGLE CLOUD, AUTH0, JENKINS, NIX, MESOS, KUBERNETES |
| <i>Android Development</i> | Kotlin, Play Store releases, ADB, Rooted Apps, APK reverse engineering, NDK, GCM <i>Libraries:</i> Retrofit, OkHttp, RxJava, Dagger, Picasso, Active Android, Espresso, Mockito |
| <i>Software Eng.</i> | TEST-DRIVEN DEVELOPMENT, AGILE, SOFTWARE CRAFTSMANSHIP, CLEAN CODE, SCRUM, FUNCTIONAL PROGRAMMING, OOP, UML |
| <i>Networks</i> | 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

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| <i>Languages</i> | ENGLISH · Fluent GERMAN · Advanced (Professional working proficiency) SPANISH · Advanced (Professional working proficiency) ITALIAN · Mother tongue |
| <i>Publications & Awards</i> | · 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 |
| <i>Volunteering</i> | 2015 · IFIP WG 7.3 Performance Conference |
| <i>Interests</i> | Guitar · Cooking · Surfing · Travelling · Geopolitics · Reading |