Peter H. Bittner (MSc)

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Profiles   ⊙ **bittner   GitHub (source code)**
⬡ **bittner   GitLab (source code)**
⬚ **bittner   Bitbucket (source code)**
⬚ **peterino   StackOverflow (tech curriculum)**
⧖ **bittner   Slides (presentations)**
⬚ **bittner   SlideShare (presentations)**
🐦 **peterbittner   Twitter (tech activity)**
in **peterbittner   LinkedIn (international curriculum)**
✕ **Peter_Bittner2   Xing (German curriculum)**

> *Developer of people, companies and code.*

Personal Information

Nationality   AT
Work permits   EU EU citizen
CH C EU/EFTA permit (Settled foreign nationals)
Languages   German mother tongue, English business fluent, Italian business fluent, French good command

Top Skills

Modern Software Development
DevOps Test automation TDD BDD Python Django
People & Processes
Continuous Delivery CI/CD & pipelines Agile Coach Change Management
Cloud Computing
Containers Kubernetes OpenShift GNU/Linux Bash
Platform-agnostic Engineering
On-Premise Private cloud Amazon AWS Google GCP Microsoft Azure Hybrid cloud

Companies I Worked With

amag

since Apr 2023

Python Django HTMX REST Docker Juju Charms Kubernetes DevOps MLOps GitLab GitHub Azure Machine Learning

Python and Django Expert – *Django and REST API backend development, frontend development with HTMX, CI/CD pipelines for quality assurance, automatic Python package builds and releases, developer support and training*

swisscom

Jul 2022 - Mar 2023

Tufin YubiKey Python TDD Puppet GitLab Artifactory KVM Zabbix Splunk

DevOps engineer IV – *Tufin security automation via Python API development, Puppet infrastructure automation, YubiKey TFA hardware token provisioning automation, Python CLI development, CI/CD pipeline automation*

BANCA BANQUE MIGROS BANK

Jan 2021 - Jun 2022

GitLab Artifactory Vault OpenShift 4 Istio Dynatrace Splunk Ansible Maven Magnolia Python BDD TDD

Senior system engineer (DevSecOps) – *set up and maintenance of an on-premise DevSecOps application delivery platform, introduce development automation and application security processes, CI/CD pipeline development, support software development activities and the agile transformation*

VSHN

Mar 2018 - Dec 2020

OpenShift 3 Kubernetes ModSecurity Ansible Python Go GitLab Bitbucket Actions

DevOps engineer – *application delivery support, containerization & cloud migration, CI/CD pipeline development, WAF engineering*

comsolit

Mar 2017 - Mar 2018

Puppet Foreman GitLab Docker Sentry DataDog Borg

Automation engineer, continuous delivery coach – *backup infrastructure automation, configuration management, environment setup automation, automatic monitoring integration, CI/CD pipelines*

SmartNinja

Sep 2019 - Feb 2020

education

Full-stack Python trainer – *evening classes for adults*

reallyzation

Jun 2018 - Aug 2019

sourcing

Tech interviewer – *remote interviews of job applicants*

Talent-Campus Bodensee

Jan 2018 - Jul 2018

education

Teacher software development & robotics – *specialised teaching of 14-16 year olds*

Oct 2016 - Jan 2017

Django JavaScript Divio Cloud

Developer – *Django and JavaScript development*

NOTCH INTERACTIVE

Jul 2014 - Aug 2015, Sep 2017 - Dec 2017

Django Fabric Vagrant Ansible NewRelic Shippable Scrum BDD

Agile & continuous delivery coach, change manager, Django & Python developer – deployment automation, dev environment virtualisation, CI/CD pipeline automation, agile transformation, change management, process documentation, project management coach

Transition manager – KITAG online shop

DACHCOM ✱

Oct 2012 - Feb 2014

SAP hybris Java PM Scrum Kanban Beanstalk Bitrix

Head of software development PIM / e-Commerce / hybris – responsive design, agile transformation, project management, collaboration tools, deployment automation

CHARMING CARPETS Teppiche & Bezauberndes

Dec 2011 - Nov 2012

SEO Apache

Consultant – SEO analysis, consulting, optimization, programming

HolidayCheck ★★★★★

Jun 2011 - Oct 2012

e-Commerce PHP Scala Android Objective-C Scrum

Team lead IT e-commerce, senior software developer, Scrum practitioner – software development, leadership

IVM Engineering ®

Oct 2008 - Jun 2011

PM KM Joomla! consulting rail automation

Project manager Remedy Solutions, software engineer, social media consultant – Siemens, Thales Austria, IVM

Capgemini CONSULTING.TECHNOLOGY.OUTSOURCING

Mar 2007 - Oct 2008

consulting usability engineering

Senior Consultant, Requirements Engineer

Start-Ups

LAWBRARY

since Feb 2020

equity Python Django PostgreSQL GitLab OpenShift

CTO, agile coach

Painless Software

since Jan 2014

owner Scrum Kanban consulting coaching

Founder

guuru

Feb 2016 - Oct 2016

equity Python Pyramid MariaDB SQLAlchemy

CTO, management of nearshore development team

Avocational Activities, Teaching and Publications

Open Source Maintainer and co-maintainer of projects related to Python, Django, software development tooling, BDD, TDD, test automation

Lecturer, speaker Never write scripts again (**Python Summit 2022**, **PyCon 23**)
Linux & software development (**Ferienpass 2020** & **2021**)
Modern Continuous Delivery (**EuroPython 2019**)
PyClean (**PyCon X**)
Environment automation (**PyCon 9**)
Continuous delivery (**PyCon 8**)
Fix-price projects and Agile (**PyCon 7**)
Software development with Django (**DjangoVillage**)
Linux, Usability, and programming courses (**education.bittner.it**)

Education and Skills

1994 - 2003 **Graz University of Technology, AT**
Master of Science (Dipl.-Ing./MSc.), Applied Mathematics
1999 / 2000 **Aston University, Birmingham, UK**
One year of foreign study (ERASMUS), department of Computer Science
1989 - 1993 **High school (BG/BRG Mössingerstraße), Klagenfurt/Wörthersee, AT**
School-leaving exams with straight A, project work *"Data compression"*

Trainings and Certifications

2022 Offensive Security and Ethical Hacking Bootcamp, O'Reilly online training
2020 GitLab Partner Training, GitLab Inc.
2018 New Relic Certified Performance Pro, New Relic University
since 2013 Continuous Delivery, instructor & agile coach, conference speaker
2012 Agile Software Development (Scrum, Kanban), research & on the job
2011 - 2012 Tripartite Management Training, n&k, Tomorrow Focus AG
2009 Web Accessibility, Österreichische Computer Gesellschaft (OCG)
2008 Certified Usability Analyst (CUA), Capgemini Academy Utrecht
2007 English Conversation and Typical Mistakes (Perfection), TheRoundTable
2007 Consulting Skills Workshop, Capgemini
1997 - 2005 Leadership and personal development, military academy

Honors & Awards

2021 Migros Bank logistics/IT Innovation Award winner (1st & 2nd place)
2010 Thales Austria Innovation Award winner

Fellowships

since 2018 Python Software Foundation (PSF), member
since 2017 Free Software Foundation Europe (FSFE), paying member

Interests and Activities

Culture, foreign languages, ethics, people & leadership, start-ups, collaborative processes, usability engineering, sports (handball, running, snowboarding, skiing), promoting free/libre software (open source).