Simon Schiele

Curriculum Vitae

Vilbeler Landstrasse 83
60388 Frankfurt
Germany
☏ (+49) 152 5330 7817
✉ simon.codingmonkey@gmail.com
🖸 simon.psaux.de
⊚ simonschiele

Technical Knowledge

Development	Python, C, TypeScript, JavaScript, Bash, PHP
Linux	Debian/Ubuntu, BSD, Yocto, Buildroot, Kernel
Tools	Jira, Confluence, Agile (Scrum/Kanban)
DevOps	SQL, NoSQL, Log/Metric Databases, AWS, Azure, Docker, Kubernetes, GitLab, Jenkins, Git, Automation

Professional Experience

since 07/2022 **Software Engineer**, SONY INTERACTIVE ENTERTAINMENT LLC, Berlin.
- Development of software to maintain and configure datacenter grade network devices (Python, Microservices, NETCONF)

12/2020-06/2022 **Software Developer**, LINK11 GMBH, Frankfurt.
- Development of Security-Software (C, Python, Distributed)
- Analysis of pattern, architectures and requirements
- Development of strategies and solutions for DDoS mitigation
- Maintenance and development of DDoS protection-/filter technologies and services (Bot Detection/Mitigation, API Protection, secure DNS, WAF)
- Implementation and maintenance of service- and server configuration management
- Creation, maintenance and documentation of applications and processes

11/2017–01/2020 **Embedded Software Engineer**, WITEKIO GMBH, Frankfurt.
- Development of custom Linux- and Android Board Support Packages (BSP) (Yocto, Buildroot, AOSP, div. IoT Frameworks)
- Development of custom Linux Kernel- and Userspace Device Drivers (Input, Sensors, Displays, Modems)
- Maintenance of existing Linux and Android BSPs
- Consulting in Linux Engineering, Migration paths and general problem finding in hard- and software projects

09/2015–10/2017 **Python Developer**, PROFITBRICKS GMBH, Berlin.
- Development of the Cloud Datacenter Management Suite
  (Python, Django, PostgreSQL, RESTful, IPMI, Icinga)
- Site Reliability Management for High Traffic API and frontend projects
- Daily Operations and Incident Handling (ITIL/ISO)
- Held regular tutorings about advanced development techniques

06/2009–02/2015 **Software Developer**, YPSILON.NET AG, Frankfurt.
- Development of backend applications and webservices in the tourism
  and finance sector (Python, PHP)
- Head of Rental Car Development
- Building and maintaining PCI-DSS (Class 1) scope and services
- Administration of application-, development- and web servers

01/2009–05/2009 **Freelancer**, ENGINEERING/DEVELOPMENT, Frankfurt.
- Prototyping of embedded devices for Point of Sale advertisement
  (OpenEmbedded, Python)
- Custom CMS and Onlineshop solutions (Python, Django, Satchmo)

06/2006–12/2008 **Software Engineer**, REFLEXMEDIA GMBH, Limburg.
- Development of a Point of Sale multimedia environment for dynamical
  advertisements (PHP, XUL, Python)
- Building and upkeep of the company internal GNU/Linux distribution for PoS clients
  (Debian based, remastered from company repositories)
- Administration and maintenance of several hundred client systems
  (decentralized)
- Administration of web-, development- and package servers

06/2005–12/2005 **Media Designer**, REFLEXMEDIA GMBH, Limburg.
6-month internship as part of my apprenticeship as media designer
- Building a demonstration wrapper for dynamical advertisements
  (Flash/ActionScript, PHP)
- Expanding of several existing online stores (Bash, PHP)

06/2001–06/2002 **Data Center Administrator**, INNOVATIVE SOFTWARE AG, Frankfurt.
Internship of one year as part of the specialized secondary school diploma
- Administration of nearly 1000 productive servers (RedHat GNU/Linux)
- On-site service in different data centers in the Frankfurt region
- Maintenance and improvements of the intranet administration toolset
  (PHP, JavaScript)

Education

2004–2006	**Apprenticeship: Digital Media Designer**, *IAD*, Marburg.
	Graduation: Media Designer (IHK)
2001–2004	**Specialized secondary school**, *Fachoberschule*, Buedingen.
	Subject: Business Informatics
1995–2001	**Secondary school**, *Schule am Dohlberg*, Buedingen.
	Graduation: secondary school certificate (Mittlere Reife)

Language Skills

German	Native speaker
English	Fluent in spoken and written form

Personal Interests

- Cooking
- Collecting Keyboards
- Science fiction literature
- Development Tools