



Andrea Scarpino

Trento (TN), Italia

(+39) 329-1480178 • andrea@scarpino.dev

🎹 ilpianista in andreascarpino

I'm a fast learner and quick problem solver. I grew up as a software developer, but I learned system administration during my spare time. Nowadays I spend my free time on my cybersecurity skills. I love hard challenges and I strongly believe there are no barriers in software development; my motto is «If you can explain it, I can implement it». I'm very passionate and I rigidly follow code guidelines and standards. I'm familiar with version control systems, containers, micro services, high availability, service mesh, continuous integration/delivery concepts.

Professional Experience

- **SpazioDati S.r.l.** **Trento (TN), IT**
Platform Engineer *Nov 2019 – Present*
 - I use Ansible and Terraform to setup our AWS instances, hosting our micro-services and tools, on our AMIs which are built by Packer. Our micro-services are deployed to Kubernetes and make use of service discovery to communicate. The secrets are stored in Vault and we scrape metrics via Prometheus so that alerts get fired when something goes wrong. We do write postmortem and setup new alerts to avoid errors to happen twice. In short, I make sure that every microservice is running as it should.
 - **Klopotek Software & Technology Services Italia S.r.l.** **Gioia del Colle (BA), IT**
Developer Operations *Dec 2015 – Oct 2019*
 - Lead developer of a J2EE application, distributed as Docker image, to install and update any Klopotek STREAM application to any local or remote host, running GNU/Linux or Windows Server, using Ansible playbooks.
 - I setup and maintain GitLab for code hosting, Jenkins for builds and execution of unit/functional tests, code analysis and the deploy to QA environments, JFrog Artifactory and Sonatype Nexus as software repositories, Elasticsearch for log analysis and metrics, backups on AWS, VMWare, Nginx, HAProxy and keepalived.
 - **NoemaLife S.p.A.** **Bari, IT**
Junior Analyst *May 2014 – Nov 2015*
 - I wrote a J2EE Web Semantic application to check the validity of any CDA document (XML-based files that follow the HL7 standard) using semantic technologies and to perform SPARQL queries via a REST API.
 - **DataToKnowledge S.r.l.s.** **Bari, IT**
Co-Founder & Software Developer *Aug 2013 – Mar 2015*
 - I wrote NLP algorithms, by using Scala and Akka, to extract addresses, date, cities and outlaw events from news published on heterogeneous Italian on-line magazines using a crawler built by us.
 - **Free and Open Source projects** **Bari, IT**
Software Developer *Mar 2008 – Present*
 - former Arch Linux and KDE developer. I contribute to Open Source projects whenever I discover a bug that affects me. I wrote Rust, Go, Python, C, C++, Ruby, JavaScript, PowerShell, ...).
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Education & Credential

- **ISMIS 2014**
Automatic Extraction of Logical Web Lists P.F. Lanotte, F. Fumarola, M. Ceci, A. Scarpino, M.D. Torelli, D. Malerba
- **University of Bari "Aldo Moro"** **Bari, IT**
B.S. Computer Science and Technologies for Software Production *2007 – 2012*