Erkin Batu Altunbaş

Experience

from January 2021 to present	**Sentrium SL** Software Engineer (Full-Time)

- Developed networking and user interface code on enterprise router operating system **VyOS**.
- Worked on infrastructure and tooling for maintenance and deployment of the product.

from August 2020 to present	**Sentrium SL** Chief Documentation Editor (Part-Time)

- Managed a team of technical copywriters.
- Designed, created and maintained REST API documentation for ZTelco Inc.
- Authored product datasheets, in-house and customer-facing documentation, and public announcements.

from September 2017 to October 2018	**Sekom Yazilim AŞ** DevOps Engineer (Part-Time)

- Set up data collection pipelines for applications on IoT and cloud infrastructures.
- Deployed monitoring and metric collection services across the company infrastructure.
- Written documentation for the in-company CI process and software developed in-house.
- Installed on-premise servers and virtualised them with a native hypervisor.

August 2017	**Sekom Yazilim AŞ** Summer Intern

- Containerised and redeployed existing installations, created remote configuration scripts for them.
- Automated deployment of containers with continuous integration tools.

Education

Autumn 2019	*Bachelor of Science* in **Yeditepe University**, Istanbul Field: Computer Engineering Language of instruction: English Thesis: *Symbolic Makam Music Generation with Deep Learning* Thesis advisor: Assist Prof Dr Dionysis Goularas
Autumn 2016	Erasmus+ Programme exchange term at **Czech Technical University**, Prague Field: Information Technology

Skills

Development

My skillset focuses on functional programming in dynamically typed languages with strong metaprogramming capabilities and expands into versatile, general-purpose languages across the spectrum.

Advanced	Python, Clojure, Racket/Scheme
Intermediate	Java, C, Common Lisp
Elementary	Elixir, OCaml, C++, Lua, Ruby

Tools

I have long-time experience in Linux system administration, having used Linux exclusively since 2009.
In addition, I am experienced in version control, file management, monitoring, virtualisation, continuous integration, containerisation, various DevOps technologies, documentation writing, as well as Agile work methods.

Advanced	Linux userland, Git, Docker (Compose, Swarm), Unix shell
Intermediate	SELinux, VirtualBox, Jenkins, Mercurial, LaTeX
Elementary	Ansible, Wireshark, Kubernetes, Atlassian stack

Languages

English	Turkish	Japanese	German	Esperanto
Proficient	Native	Intermediate	Elementary	Intermediate

Certifications

- Alcatel-Lucent Telecommunication Networks Knowledge Junior Certification (2013)
- toefl iBT: 102/120 (2012)