

SUMMARY

Eager to challenge myself. I believe that making the same task not just makes you bored, but cannot help to grow either.

'Everyone' knows Python, but just a few knows in a clean, idiomatic way, using SOLID concepts during the design & development phases.

There is no time to make everything perfect, but I kindly believe that is better to think ahead a bit more - of course, without over-engineering -, than realizing later that even a small change broke several features.

The defense against the rabbit-holes of this really powerful script language is really important, and can be made by using many different techniques, like *static analyzers*, *linters*, *tests*, etc., while enjoying the benefits of it.

These are my baselines I follow and learn day-by-day to apply even better.

EDUCATION

SAPIENTIA: HUNGARIAN UNIVERSITY OF TRANSYLVANIA

Graduation: July 2018

B.S IN COMPUTER SCIENCE

- Participating at multiple programming competitions and presentations during the whole time.

EXPERIENCE

SOFTWARE DEVELOPER / DEVOPS

2019 / Hungary

ERICSSON

- Fastened manual work by days, causing less headaches & integrated it to an existing solution which automates the generation of different reports about the product's dependency usage (by supporting multiple formats/languages)
- Leading & making more readable, easy to follow, robust & SOLID the same tool which automates the reports for the used dependencies by continuous code-reviews, re-designing, architecturing & story slicing of the implementation details closely together with the product owner, incorporating directly the tech users' feedback by contacting them
- Mentoring 2 juniors on their career applying the same methods that my senior colleagues used on me
- Made more readable, separated & easier to develop of an administration tool's legacy Flask backend
- Development of micro-services for the design and optimization tools to support mobile network continuity
- Responsibility in the product deployments on the live environments as well
- Made people's life easier & the development process faster, cleaner by re-implementing & extending CI pipelines
- Development of the tools that utilized customer experience measurements (different KPIs) to support mobile network continuity
- Reduced the installation time from several weeks to a few hours (2-3) of a complex product with many components and dependencies by replacing the long-lasting manual steps with an automated system to install from scratch instead, and made possible to be tested E2E nightly
- Making a quick (in max. 1-2hrs) overview automatically of the incoming data from different perspectives for the network engineers by designing, implementing and making a complex script tool easily transferable (via RPM) from scratch

SOFTWARE DEVELOPER INTERN

2018-Summer / Hungary

ERICSSON

- Designed & implemented a tool that processes incoming & stored H.264 Codecs to make easier to digest it by my team, doing several demos to a big audience (basics of 2-3-4G radio and core radio network key concepts, tooling with Python 3.6, Git, Jira, Agile)

SOFTWARE DEVELOPER INTERN

2017-Summer / Romania

ACCENTURE

- Built a web app - multiplayer game, while learning the concept of: MVC applications, registration, user auth, cookie handling, MS database (REST API, MVC, .NET C#, Angular, MS SQL)

SOFTWARE DEVELOPER INTERN

Feb 2017 – June 2017 / Romania

LYNX SOLUTIONS

- Built a responsive Darts app for IOS devices using math behind (Swift 3.0, responsive UI, presentation)

PROJECTS

PRESS SURVEILLANCE

THESIS

- Press surveillance and textual analyzing, for searching coherence and correlations with visualization by using a robust *ETL* system at the front, *NLP (NLTK)* at the middle combined with different *statistics*

EDUCATIONAL ASSISTANT

SELF-MADE

- Dedicated for - and used by young children which provides a possibility for them to practice the hungarian language phonetics by acquiring % validating the requirements from/by a teacher (like a business analyst, to put in place of IT)

SKILLS

PROGRAMMING LANGUAGES	Experienced: Python 3.6+ & 2.7 Familiar: Jinja templating Bash Java 8 SQL Groovy LaTeX
SOFTWARE DEVELOPMENT	Programming Paradigms Testability GIT Review process Agile Methodology DevOps Lifecycles CentOS UML
FRAMEWORKS & LIBRARIES	Spring Boot Python static analyzers PyTest Pandas Plotly Numpy Flask Django Statistical analysis Scikit-learn NLP Tensorflow Matplotlib Elastic - Search & Logstash
AUTOMATION	Ansible Docker CI SonarQube setup Linters OpenStack Impala + Ambari user
DATABASE	MariaDB PostgreSQL Elasticsearch
SOFT	Contact with tech users & product owner Delegation Agile Pro-active Multicultural teamwork ability Eager to solve real problems - to make customers happy
LANGUAGES	Native: Hungarian Fluent: English Beginner: Spanish Romanian