Denis Kristak
Software developer

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SUMMARY

Software developer with 4+ years of experience. I am happiest when I can leverage my knowledge of backend development technologies and frameworks to build reliable and scalable software. I also fancy open source.

WORK EXPERIENCE

Upwork freelancer | SOFTWARE ENGINEER   Jan 2023 - present

- Designing API wrappers and web scraping tools
- Used Python libraries like asyncio, multithreading, JSON, gspread, data libraries etc.
- Sticking to best practices - OOP design patterns, scalability, KISS, DRY, documentation, unit tests (pytest)

Inuits s.r.o., Prague | SOFTWARE ENGINEER   Oct 2020 - present

- Designed and developed web backend using the Django library
- Prepared API endpoints using Django Rest Framework
- Aggregated, analysed and integrated data in various formats (SQL, JSON, YAML, CSV) using Python libraries
- Added support for 200+ packages to FOSS Easybuild project, used by 100+ HPC sites

Logio s.r.o., Prague | DATA ANALYST JUNIOR   Jun 2018 - Sep 2020

- The core product aims to reduce unnecessary expenses related to logistics. Some success examples: reducing the amount of expired groceries (delivery company) by 75%, raising stock availability from 90% to 99% while avoiding overstocks.
- Implemented statistical-logistical software into customer's ERP
- Aggregated and analysed data from customer data lakes (10+ customers over 2 years)
- Designed and improved SQL databases to be fast and reliable
- Average SQL queries processed millions of rows
- Created story-telling reports using statistical data

SKILLS

Programming languages:
  ➔ Python | Bash | SQL | JavaScript | React Native | PHP
Python packages:
  ➔ Django | Django Rest Framework | Dash | Flask | Pickle | FastAPI | Pipenv | Pytest | Asyncio | NumPy | Pandas
Other:
  ➔ OOP | Design patterns | Unit testing | Debug | Troubleshooting | Relational Databases | Data Analysis | Data Engineering | Docker | Git | Multithreading | Async

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PROJECTS

Please consult my Github page at https://github.com/deniskristak

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EDUCATION

BSc in Computer Science, Unicorn University, Prague, Czech Republic   Sep 2019 - ongoing