

PROFILE

I deliver state of the art Data Infrastructure and Data Engineering solutions for unicorn tech companies. My passion is building distributed-compute and data-intensive applications, with special attention to data design and automation. I strive to lead by example and regularly mentor junior engineers. I also have a strong background in full-stack development in the cloud.

EXPERIENCE

Data Engineer at SumUp, September 2018 - Current

Building data processes for the “Fastest Growing Company in Europe 2018” (by inc.com)

- Designed and delivered Snowflake and AWS Redshift data replication and access management processes.
- Developed ETL pipelines for the largest data-marts in the company with Airflow, SQL and Python.
- Successfully completed migration to the new data warehousing solution achieving 100% data accuracy.
- Fully implemented CI/CD for Snowflake-based ETL/ELT development with Jenkins and Docker.
- Regularly led SQL training sessions, teaching dozens of colleagues to make their queries run 10x faster.
- Introduced unit and integration tests as a regular development practice within the team.

Freelance Software Engineer in FinTech, 2018

- Consulted one of the largest private brokerages in Europe (\$1B daily volume) building data infrastructure.
- Designed and delivered ETL pipelines processing 350 million monthly stock trades.
- Relevant technologies: Python, AWS, JavaScript, and PostgreSQL.
- Fully automated position reconciliation, dividends and stock loan fee calculation processes.
- Briefly led and onboarded a team of 3 software engineers.

Full Stack Software Engineering Intern at SumUp, Summer of 2017 and 2018

Contributed to the development of highly-reliable payment infrastructure for 30+ countries.

- Relevant technologies: JavaScript, Ruby, NodeJS, React, Typescript, and PostgreSQL.
- Completed an API rate limiting solution, from the design stage to testing and delivery.
- Built a POC full-stack application for an internal employee network to facilitate communication.
- Participated in multiple hackathons and attended professional conferences.

Backend Developer Intern at Centroida, Fall 2016

Interned at the “Best Student Startup in Bulgaria of 2016” (by Junior Achievement)

- Developed backend systems using NodeJS, implementing integration with social media APIs.
- Completed a project with Serverless framework utilising AWS Lambda functions.
- Integrated Elasticsearch + Kibana with a custom e-commerce solution, facilitating complex search queries.
- Gained an understanding of work in a fast-growing and dynamic startup with Agile and Scrum.

EDUCATION

American University in Bulgaria, class of 2019

Double Major in Computer Science and Mathematics.