Arielle Ostankova

SOFTWARE AS A CRAFT

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Senior Frontend Developer & Architect

15 Years of Software Development Experience - Last 7 Years with ReactJS.

Broad experience across the board: backend, frontend and management for dynamic web projects.

Focused on full-stack development of scalable web-apps.

Currently preferred tech-stack:

Frontend: ReactJS (Typescript / ES6+)

Backend: NodeJS / Python

Cloud: AWS / GCloud, Serverless

Preferred Frontend tools & libs:

Jest, Cypress, Mobx, Redux, Lodash, DateFns, Babel, Webpack, Yarn, Lerna, NextJs, GraphQL, PixiJs, Firebase, etc.

Work Experience

Nov 2017 – Nov 2024 **Senior Frontend Developer & Architect**	**Artware Studio GmbH** artware.studio

Working for different clients as Senior Frontend Developer & Architect including:
Roche Pharmaceutical,
German Edge Cloud,
Münchener Hypothekenbank,
Constructor.io,
Scout24

Stack: **ReactJS**, **Typescript**, Jest, Cypress, Mobx, **NodeJS**, Json Forms, Material-UI, EmotionJS, GraphQL, NodeJS, AWS, Google Cloud, Redux, Keycloak, WebGL, Unity3d, Docker, Python

Nov 2016 – Nov 2017 Founder, **CTO**	**All Pics** all.pics

Serverless photo sharing platform in NodeJS and ReactJS.
Bootstrapped to thousands of users as 1-person team.

- Back-end: Serverless, NodeJS.
- DevOps: AWS, GoogleCloud, Serverless.
- Front-End: React, Mobx, Typescript.
- Others: Image Recognition, WebSockets.

AWS, Micro-Service Architecture, Firebase, Web Development, Full-Stack Development, React, NextJs, Mobx, Redux, MaterailUI, Styled-Components.

Apr 2015 – Oct 2016 Co-Founder, **CTO**	**Building Radar Gmbh** buildingradar.com

CTO, responsibility for the technical side of the company. Building technology from scratch and scaling that up in terms of users, data size and tech team. Started as 3 co-founders and grown that up to 20+ people, terabytes of data and many happy costumers.

- Early stage: customer research, prototyping, tech stack selection, investors/competitions negotiations.
- Mid stage: architecture development, development-team building and management, leading development (doing a lot of coding and communication) of most critical parts.
- Later stage: research & development, technology picture and orientation.

Big Data Architecture, Amazon Web Services, Google Cloud Platform, Data Pipeline, Map-Reduce, Hadoop, Spark, Natural Language Processing, Machine Learning, Web Scraping, Full-Stack web development, Fast prototyping, Tech team Management, Firebase.

| Feb 2014 – Apr 2015 | **Cliqz Gmbh** |
| **Senior Software Developer** | |

Search-Machine: mainly working on Backend.

- Project owner & Lead developer – "Rich header": part of search engine, responsible of showing smart snippets dependent on context of the query.
- Project owner & Lead developer – "People Search": part of the search engine, specialized on finding people profiles in internet.
- Python back-end development.
- Project scaling (architecture & team leading)
- Result oriented R&D with deadlines.

Amazon Web Services, EMR (AWS Map-Reduce), Elastic Search, Web Scraping, High Scale Architecture, Big Data Processing, Natural Language Processing, Machine Learning, Small Tech-team Management.

| Jun 2013 – Jan 2014 | **Siemens Corporate Technology** |
| **Master Thesis, R&D** | siemens.com |

Work on master thesis at Siemens R&D Department.
Research topic: Machine learning in Semantic Web

- Natural Language Processing.
- Big Data analysis.
- Question-Answering system.
- Research & Development.
- Research paper and thesis writing.

Machine learning, Natural Language Processing, Big Data processing, R&D, WEKA.

| Mar 2006 – Jul 2013 | **CyberVision** |
| **Software Developer** | www.cybervisiontech.com |

Working as a Software Developer for an outsourcing company in Kyiv, Ukraine

- Android Apps Development
- Web Development
- Java software development in distributed application
- C development (TV broadcasting application for different platforms).
- Research and Development Group.

Soft Skills:

Communication, Empathy, Teamwork, Approachability, Helpfulness, Patience, Open-mindedness, Accountability, Problem-solving, Creativity, Time management

Education

- **M.Sc in Computer Science:** Technische Universität München, München (2011 – 2014), Department of Informatics.
- **B.Sc in Computer Science:** International Solomon university, Kyiv (2006 – 2010), Department of Computer Science.
- **Secondary education:** Gymnasium #1, Simferopol (1996-2006)

Languages

- **German:** Fluent
- **English:** Fluent
- **Russian & Ukrainian:** Mother tongue