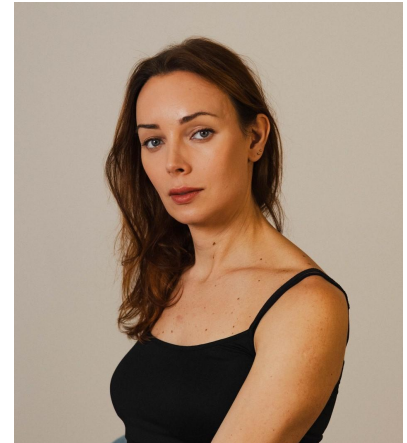


Arielle Ostankova

SOFTWARE AS A CRAFT



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web www.ostankov.com

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

Jan 2023 – Jan 2025

Contract, **Senior Frontend Developer & Architect**

Scheidt & Bachmann

scheidt-bachmann.de

Internal tool-chain for data generation - Desktop React app

Stack: ReactJS, Typescript, Jest, Cypress, Mobx, NodeJS, Json Forms, Material-UI, EmotionJS.

Mar 2022 – Jan 2023

Contract, **Senior Frontend Developer & Architect**

Roche

roche.com

Embedded Web Application for medical devices - Greenfield Architecture and Development

Stack: ReactJS, Typescript, Jest, Cypress, Mobx, NodeJS, Material-UI, EmotionJS, GraphQL, Keycloak.

Jan 2020 – Mar 2022

Contract, **Senior Frontend Developer & Architect**

German Edge Cloud

oncite.io

Industry 4.0, factory digitalization - React application featuring heavy WebGL graphics.

Stack: ReactJS, Typescript, Jest, Cypress, Mobx, NodeJS, Material-UI, EmotionJS, Keycloak, WebGL, Unity3d.

Feb 2019 – Jan 2020

Contract, **Senior Frontend Developer**

Münchener Hypothekenbank

muenchenerhyp.de

Banking internal calculations app based on modern tech-stack as React Web App.

Stack: ReactJS, Typescript, Jest, NodeJS, Material-UI, Redux, TestCofe

Apr 2018 – Feb 2019

US based Remote Contract, **Full Stack**

Constructor.io

constructor.io

Searchbox as a Service. JS, React, Micro-services, AWS, Python, Data Science.

- Back-end: Python.
- DevOps: AWS, Docker, DataDog, OpsViktor
- Frontend: React, Vanilla JS

AWS, Micro-Service Architecture, Python, Full-Stack Development, NLP, Firebase

Nov 2016 – Apr 2018
US based Remote Contract, **Full Stack**

Scout24
autoscout24.com

Full-stack web development. Micro-services, AWS, Scala, JS, React.

- Back-end: Scala, Java, JVM, Python, Play framework.
- DevOps: AWS, CloudFormation, OpsGenie, Git, Kibana
- Front-End: React, JS, HTML, SASS, CSS, Casper.

AWS, Micro-Service Architecture, Web Development, Full-Stack Development, React

Jun 2017 – Apr 2020 (Parallel hobby project)
Founder, **CTO**

All Pics
all.pics

*Serverless photo sharing platform in NodeJS and ReactJS.
Bootstrapped to hundreds 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 Scrapping, Full-Stack web development, Fast prototyping, Tech team Management, Firebase.

Feb 2014 – Apr 2015
Senior Software Developer

Cliqz Gmbh
cliqz.com

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
Master Thesis, R&D

Siemens Corporate Technology
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.

Jun 2011 – Jul 2013 (Part-time)
Software Developer

Next Munich GmbH. The App Agency
www.next-munich.com

Mobile Development (Android, iOS). Full-stack Web App Development on Google App engine.

- Android, iPhone apps development.
 - Back-end & Web site development using GAE and Slim3.
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Mar 2010 – Jun 2011
Software Developer

Layar - Augmented Reality Browser
www.layar.com

Mobile Android Development for cutting edge mobile app: augmented information (3d, 2d, text) on top of camera image. Rendered information is based on geo-location.

- Android development.
 - Core and OpenGL.
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Mar 2006 – Jun 2010
Junior to Middle Software Developer

CyberVision
www.cybervisiontech.com

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

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