



CONTACT

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Contract / Freelance · AI Consulting
CTO-as-a-Service

📍 Remote / Munich / Berlin

TECHNICAL SKILLS

AI & Automation

LLM Integration (Claude, OpenAI, Gemini) ·
AI Agents · Agentic Workflows · RAG ·
Vector Databases · Prompt Engineering ·
Function Calling · LangChain · n8n · MCP ·
Workflow Automation · NLP/ML · Speech
AI

Frontend

React · TypeScript · Next.js · Tailwind CSS ·
Design Systems · Storybook · MobX ·
Redux · Zustand

Backend & Cloud

Node.js · Python · AWS · Google Cloud ·
Serverless · Firebase · GraphQL ·
PostgreSQL · Docker · CI/CD

Leadership

CTO · AI Architecture · Team Building
(3→20+) · Startup Founding · Consulting ·
Agile

FOCUS

AI Architecture AI Agents
LLM Integration RAG React
TypeScript Next.js Node.js
Python n8n MCP AWS
Serverless CTO

LANGUAGES

German	Fluent
English	Fluent
Russian	Native
Ukrainian	Native

EDUCATION

M.Sc. Computer Science

TU München · 2011 – 2014

B.Sc. Computer Science

Solomon Univ., Kyiv · 2006 – 2010

Arielle Ostankova

AI Architect & Senior Full-Stack Engineer

AI ARCHITECTURE

CONTRACT WORK

REACT DEVELOPMENT

20+ years shipping code — from founding startups and scaling teams as CTO, to delivering enterprise-grade applications for BurdaForward, Roche, Siemens, and AutoScout24.

Deep roots in ML/NLP since 2013 (Siemens, Cliqz, Building Radar) — now building AI-powered products, agentic workflows, and automation systems.

Hands-on full-stack engineer who architects, codes, and ships — not a manager who lost touch with the codebase.

Available for senior contract roles, AI integration consulting, and fractional CTO engagements.

20+

Years Shipping Code

10+

Enterprise Clients

3x

Founder & CTO

3 → 20+

Team Scaled (CTO)

EXPERIENCE

AI Architect

May 2026 – Present

BurdaForward · Contract · Munich

AI architecture for one of Germany's largest digital publishers (BUNTE.de, CHIP.de).
Designing and building AI systems and workflows across the product landscape.
LLM, AI Automation, Agentic Workflows, TypeScript, Python, Cloud

Senior Developer & AI Consultant

Nov 2018 – Present

Artware Studio · Contract Basis · Munich / Remote

Full-stack engineering, frontend architecture, and — increasingly —
AI integration and automation for enterprise and startup clients.

AI & AUTOMATION ENGAGEMENTS — 2025–26

– **Ambos** (Jan - March 2026) — Integrated CMS system with AI-powered content flow, connecting structured medical content to automated processing pipelines.

CMS, React, AI Integration

– **AI Custom Workflows** (2025-2026) — Custom AI workflows for SMB clients.

GenUI, Agentic Workflows, RAG, Tool Use, n8n

ENTERPRISE CLIENTS — 2016–2025

Native Instruments Frontend Architect

Jan 2025 - Aug 2025

Led desktop app frontend modernisation, component library and design-system adoption.

React, TypeScript, Desktop Apps

Scheidt & Bachmann Frontend Architect

Jan 2023 - Jan 2025

Architected parking & access-control SPA, introduced testing strategy and CI pipeline.

React, TypeScript, MobX, Jest, Cypress

Roche Frontend Architect

Mar 2022 - Jan 2023

Built clinical-data dashboard with role-based access and GraphQL API layer.

React, TypeScript, GraphQL, Keycloak

German Edge Cloud Frontend Architect

Jan 2020 - Mar 2022

Developed industrial IoT monitoring platform with real-time WebGL visualisation.

React, TypeScript, WebGL, IoT

Münchener Hypothekenbank Senior Frontend Dev

Feb 2019 - Jan 2020

Migrated legacy fintech portal to React SPA with Redux state management.

React, TypeScript, Redux

Scout24 Full-Stack Dev

Nov 2016 - Apr 2018

Built microservices and React frontend for real-estate marketplace features.

Scala, React, AWS, Microservices

Constructor.io Full-Stack Dev

Apr 2018 - Feb 2019

Developed AI-powered search & autocomplete product, NLP pipeline tuning.

React, Python, AWS, NLP

WHY AI + ENGINEERING

My ML/NLP work goes back to 2013 (Siemens, Cliqz, Building Radar). The AI consulting I do now builds on that foundation — plus 10 years of shipping production React at scale. I understand both the models and the systems they plug into.

SIDE PROJECTS

artware.studio
Web dev & AI integration on demand for SMBs

Triage.me
Agentic email triage workflow · AI, n8n, Claude

Civs.IO
Browser strategy game · TS, PixiJS, WebSockets

ostankov.com
Portfolio & consulting site

SOFT SKILLS

Cross-functional Communication · Mentoring · Client-facing Consulting · Remote Collaboration · Startup Resilience · Problem Decomposition · Stakeholder Management

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STARTUPS & VENTURES

Founder & Solo Developer 2025
NativeSpeechAI · liltra.com
AI-powered accent coaching platform. Proprietary voice ML pipeline, agentic feedback engine, procedural drills generation, real-time coaching UI.
React · Python · Claude · Azure AI · Gemini AI · Next.js

Founder & Full-Stack Developer Jun 2017 – Nov 2018
All Pics · all.pics
Serverless photo sharing platform — built and shipped the entire product solo.

- Bootstrapped to **hundreds of active users** as a 1-person team, zero marketing budget
- Fully serverless: zero hosting cost at rest, auto-scaling on demand
- Integrated image recognition for automatic photo tagging and smart albums

React · Node.js · TypeScript · MobX · AWS Lambda · GCP · Firebase · WebSockets

Co-Founder & CTO Apr 2015 – Oct 2016
Building Radar GmbH · Munich
ML/NLP-powered lead generation for the construction industry. Built from zero to scale.

- Grew company from **3 co-founders to 20+ employees**, secured seed funding
- Architected big data pipeline processing **terabytes** of construction project data across Europe
- Built NLP engine for automated lead extraction from public records, permits, and web sources
- Led tech team through investor pitches and startup competitions (multiple wins)
- Made foundational architecture decisions (Hadoop/Spark) that scaled to production without rewrite

Python · Hadoop · Spark & NLP · ML · AWS · GCP · Elasticsearch · Web Scraping

EARLIER CAREER

Senior Software Developer 2014 – 2015
Cliqz GmbH
Privacy-focused search engine. Owned two search verticals: “Rich Header” (contextual smart snippets) and “People Search” (specialized people-finding engine).
Python · NLP · Elasticsearch · AWS MapReduce · Big Data

Master Thesis & R&D 2013 – 2014
Siemens Corporate Technology (TU München thesis project)
ML in Semantic Web: built a Question-Answering system using NLP and big data analysis. Published: “Semantic QA with Machine Learning”, TUM Department of Informatics, 2014.
Python · NLP · Machine Learning · Semantic Web · SPARQL

Software Developer 2006 – 2013
Next Munich · Layar · CyberVision
Progressive career from Junior to Lead across mobile and web. High-performance AR at Layar (Amsterdam); scalable full-stack web apps at Next Munich; cross-platform TV broadcasting at CyberVision (Kyiv).
Android · iOS · Java · C · OpenGL · Augmented Reality