

# Valeria Daneva

Software developer with nearly 6 years of full-stack experience across startups, small businesses and large enterprises. Strong focus on UI/UX development, with a proven track record of delivering stakeholder-approved interfaces and production software. Equally comfortable taking full ownership of features or collaborating as part of a team.

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## SOFTWARE DEVELOPER ([RENDERAPP](#))

SEP 2025 - APRIL 2026

TypeScript

React

Tailwind CSS

PostgreSQL

Node.js

Express

Zustand

- Delivered multiple milestones for a **product configurator**, including demo pages, publish controls, viewpoint connections, and a multi-option swatch modal.
- Built a new **drag-and-drop file upload system** from scratch, supporting large files (>100MB), batch uploads, version tracking, and template selection.
- Replaced a third-party **video player with a custom-built native implementation**, adding adaptive streaming, thumbnail previews, skip controls, and timestamped comment markers.
- Designed and built a **side-by-side visual comparison tool** with swipe and split view support, backed by a Merkle tree file integrity system.
- Built the **workspace and project management interface**, including project creation, and organisational controls. Separately developed a **proof-of-concept UI revamp** using Radix components, proposing a more modern and user-friendly design direction.

## SOFTWARE DEVELOPER ([NEXOR](#))

JUNE 2023 - JUNE 2025

Python

React

FastAPI

SQL

Docker

BATS

Jenkins

- Independently built **two React GUIs** from scratch under a tight deadline, receiving excellent stakeholder feedback for UX quality and functionality; the upload UI notably accelerated the workflow of both development and testing teams.
- Developed a **file quarantine API** as part of a 3-person sub-team, producing one of the project's most scalable components.
- Debugged and developed a set of **containerised components** using Docker, Kubernetes, and RabbitMQ.
- Continuously improved the **Python backend** through pair programming and TDD, optimising overall project quality over time.
- Configured ESLint, formatters, middleware, and **CI/CD Jenkins pipelines** for both frontends.

## SOFTWARE DEVELOPER ([ARM](#))

OCT 2020 - DEC 2022

Python

C++

Docker

Java

Spring

LaTeX

AWS

Terraform

- Built an **open-source tool** for streamlining the editing, viewing, and retrieval of technical documentation.
- Developed a **library for binary16 arithmetic** with an API proof-of-concept.
- Modernised **configuration software**, making the product portable and competitive.
- Built an **automated document generation system** to replace slow manual HR processes.
- Improved a Java/Spring **backend using test-driven development**.

SOFTWARE DEVELOPER ([AD AEROSPACE](#))

JULY 2019 - JULY 2020

C#

Subversion

Independently developed a **GUI for an in-flight camera system**, translating client requirements into a clear specification through close email correspondence with stakeholders, and delivering a solution they were pleased with.

## Education

BSC SOFTWARE ENGINEERING

SEP 2017 - JULY 2020

University of Manchester

Second Class, Division One (2:1)

## Additional Skills

Poetry

Pact

Figma

Jira

Confluence

Bitbucket

3D Printing

Vite

Arduino

Assembly

Photoshop

Git

TDD

Agile

OpenAPI

## Hobbies and interests

Outside of work I enjoy keeping up with emerging technologies — I've been learning **Django** and **Go**, experimenting with AI-assisted development tools such as **Anthropic's Claude Code**, and regularly watching gadget and invention content covering 3D printing and robotics. Besides tech, I have a slight obsession with finding the perfect **stationery and workflow setup**. I also study **Chinese**, have been **drawing digitally** since middle school, and am an avid reader with a taste for **foreign fantasy fiction and international history**.

## References

References available upon request.