

SZILVIA BARATH

FRONTEND DEVELOPER



INTERDISCIPLINARY RESEARCHER

'I'm a digital humanist who lives at the crossroads of code and culture. I love turning complex questions about ethics and society into hands-on tools such as interactive maps, data visualizations, or playful frontend prototypes. With a background in Digital Humanities and years of building web experiences across Europe, I translate humanistic inquiry into intuitive digital moments, always keeping people at the center.

EDUCATION

University of Bologna / 2022 M.A.

in Digital Humanities & Digital Knowledge - 103/110

Eötvös Loránd University, Budapest / 2018

M.A. in Language Education (English & Hungarian) - summa cum laude

Eötvös Loránd University & NOVA University, Lisbon / 2015

B.A. in English & Portuguese Studies - 5/5

SKILLS

HTML, CSS, JAVASCRIPT
React & Next.js
Vue
Three.js
Git & Github
Wordpress
REST & GraphQL APIs
Accessibility (WCAG)
GSAP, Framer motion
Figma & Canva
Blender
Photoshop

Languages: EN, IT, HU

EXPERIENCE

2018-

Freelance Developer, Researcher & Tutor

- Teaching languages online, designing custom digital-learning materials.
- Prototyped React and Three.js interactive maps for scholarly research, facilitating intuitive exploration of cultural datasets.
- Developed modular data-visualization components (react-force-graph-3d) for dynamic presentation of complex networks.
- Built storytelling and audio-visual web applications to disseminate research findings through immersive experiences.

2024

University of Bologna

Research Fellow, DARE Project

- Led development and content management of the DARE project website in WordPress, serving as webmaster.
- Crafted written and visual content for social media channels, and managed campaign strategies to boost engagement.

2023

Allnet Italia, Bologna

IT Specialist

- Resolved support tickets end-to-end, diagnosing and documenting technical issues with customers and support teams
- Regularly debugged the company website
- Managed NetSuite: created saved searches, queries and automations
- Cleaned and analyzed datasets; contributed CSS fixes to an Angular front-end project