

# Tudor Popescu

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## Personal Summary

Frontend engineer with **3 years experience** designing and building web apps that move – literally and emotionally. I specialise in **React and Next.js** interfaces, integrated with **Node.js and Python** backends. I'm especially drawn to **user-centric solutions** and motivated by problems that require **vision and iteration**. Strong focus on **user experience**, design systems and performance.

## Skills

- **Front-End:** React, Next.js, TypeScript, JavaScript, HTML5
- **Styling & Design:** SASS, Tailwind CSS, CSS3, ShadCN, Responsive Design, Figma
- **Back-End:** Node.js, Express.js, Django, Python, REST APIs, WebSocket (socket.io)
- **Testing:** Jest, Playwright, React Testing Library
- **Workflow & Collaboration:** Notion, Agile, Git, GitHub, Vite, WebPack, npm
- **Databases:** SQL, PostgreSQL, MongoDB, Prisma ORM

## Work Experience

### Front-End Developer – WeJam, London

Jun 2022 – present

- **Contributed to multiplayer music app** by building responsive components in React and Node.js, handling WebSocket interactions, communicating to MaxMSP audio engine, and debugging issues.
- **Ensured brand coherence** by fully re-designing the UI, creating a new design system in **Figma** with reusable components, and implementing in React and SASS with fidelity.
- **Improved real-time performance** by introducing Redux state management, fine-tuning complex CSS Animations, refining media rendering and moving complex logic server-side.
- **Increased accessibility and inclusivity** by designing high-contrast UI variants and text-to-speech features tailored for schools with neurodiverse learners.
- **Sped up debugging** by setting up end-to-end tests in Playwright, pushing for standardised bug reporting, and improving logging.
- **Worked closely with founder and backend devs** to understand pain points and prioritise tasks.

### Freelance Web Developer / UX Designer

Oct 2022 – present

- **Delivered scalable web apps** for clients in diverse sectors, such as web3, creative and wellness.
- **Designed and prototyped client UIs** in Figma, in line with branding guidelines, incorporating client feedback and balancing usability and visual appeal.
- **Optimised website performance** by following SEO best practices, using plugins to minify code and reduce page loads, and writing custom scripts with JavaScript.
- **Ensured project delivery under tight deadlines** by time-boxing work sessions, tightly prioritising requirements, introducing requirement-gathering forms and structuring projects into discovery, iteration, and delivery phases.

## Selected Projects

### SSE Chatbot (Next.js, MongoDB, ShadCN, TipTap)

Sep 2025

- **Implemented efficient data loading** using virtualization. **Simulated AI-generated responses** using SSE. **Made text responses into editable artefacts** using JSON viewspecs, TipTap and AG grid.

### Learning Management System (React, Django REST)

May 2025

- **Built MVP full-stack app** with React front-end and Django REST backend, designing a unique UI, building responsive components, implementing role-based access, JWT/OAuth2 authentication, and Jest unit tests.

### Kronos Productivity Tool (Next.js, TypeScript, PostgreSQL)

Feb - Sep 2024

- **Developed a novel productivity solution**, modelling an organiser algorithm on the theory of Flow State.
- **Implemented status-based colour scheme**, which updates UI in real-time based on the task timeline.
- **Improved performance** by using server-side rendering, Suspense fallbacks, and Redux.

## Certifications

### BCS Tech10-accredited Full-Stack Pathway – The Learning People

Jun 2025

- React, Redux, Node.js, REST APIs, Python, Django, Git, Agile

### Front-End Engineer Career Path – Codecademy

Sep 2024

## Education

<b>BMus Popular Music (2:1)</b> – Goldsmiths, University of London	2016 – 2019
<b>Maths &amp; Physics Baccalaureate (95%)</b> – Andrei Saguna National College, Romania	2012 – 2016

## Languages

English (fluent), Romanian (native), French (intermediate)

## Work Authorization

British & Romanian Citizen – Fully authorized to work in the UK and the EU.

## Location

Temporarily in Romania. Available for relocation to London on short notice.

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## Additional Work Experience

### Music Data Technician – WeJam, London

Nov 2021 – Jun 2022

- **Reduced score creation time by 300%** by automating key process steps with Python and LilyPond scripts.
- **Designed engaging game screens** in Figma, using best design practices and relevant references.
- **Created song scores for the game**, following set rules. Used MuseScore and MaxMSP to generate JSON data.
- **Collaborated with the team** and tracked work progress using Trello.

### Project Support – James Glancy Design, London

Jul 2021 – Sep 2021

- **Ensured timely delivery** of large Christmas installations for central London. **Supported project managers** with planning and task coordination.

### Sports Advisor – Decathlon UK, London

Nov 2020 – Jun 2021

- **Improved customer satisfaction** by delivering tailored product advice and resolving queries effectively.
- **Strengthened team efficiency** by collaborating with colleagues to maintain displays and optimise stock performance.
- **Handled complaints diplomatically**, consistently receiving positive customer feedback.

### Fulfilment Assistant – Bright Little Labs, London

Sep 2020 – Feb 2021

- **Managed Shopify orders end-to-end**, ensuring accuracy in packaging and shipment specifications.
- **Coordinated closely with the executive assistant**, aligning daily priorities and timelines.
- **Increased shipping efficiency** by dispatching high volumes of orders under tight deadlines.

### Freelance Translator – Green Tomato Media

Aug – Oct 2020

- **Delivered accurate translations** adapted for diverse audiences across mobile and social platforms.
- **Met strict deadlines** by scheduling tasks hour-by-hour on fixed-fee projects.
- **Adapted tone and style** to meet brand requirements across different game genres.

### Events Assistant – Coopple, London

Oct 2019 – Jul 2020

- **Supported logistics and setup** for corporate launches, networking events, and private parties.
- **Delivered excellent guest experiences** by assisting attendees and coordinating with event managers.
- **Maintained event quality under pressure** by responding to last-minute changes with flexibility and professionalism.