Elias Touil

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Summary

9 years of experience full stack software developer with design abilities equipped to deeply understand users and business while overcoming technical hurdles. I seek honorable and adventurous collaborators uncovering their full potential and helping others flourish.

Skills

Full Stack: TypeScript, JavaScript, Node.js, React.js, Next.js, GraphQL, PostgreSQL, Prisma, TypeORM, Cascading Style Sheets (CSS), Tailwind CSS, Chakra-UI, Material UI (MUI), Vercel, Heroku, GitHub actions, Husky.
Design: User Interface Design (UI), User Experience Research, User Experience Design (UX), Usability Testing, Wireframing, Prototyping, Graphic Design, Figma, Photoshop, SVG.
Startups: Grant Writing, Value Proposition Design, Pitch Deck Design, Photography, Video.

Experience

Full Stack Developer, Spark Jam (Saas Startup Cofounder)   June 2023 – Dec 2023

- Designed and developed an audience engagement app for content creators, acquiring 2,500 users in its first month using Next.js, Typescript, Tailwind CSS, Prisma, PostgreSQL, and Vercel
- Established a continuous feedback loop by monitoring users with Google Analytics, and Microsoft Clarity, and running usability tests with early adopters
- Introduced Scrum and documented procedures utilizing ClickUp to clarify the technical workflow for non-technical stakeholders
- Onboarded an engineer and documented the code to a successful responsibility transfer

Lead Developer and Designer, La Maison Jaune (Saas Startup Founder)   2019 – 2023

- Conceived a digital museum guide by leading a team of 3 augmenting 55k museum visits using Next.js, TypeScript, Apollo, GraphQL, Chakra-UI, PostgreSQL, and Heroku, tripling visitors' adoption compared to the previous native museum app
- Single-handedly built a prototype using Preact, pitched and secured Canada's largest art museum as an early collaborator two weeks after the idea's inception
- Brought image recognition and 3D to the browser, conducted user experience tests to improve on friction points, doubling education content engagement among museum visitors
- Recruited three software engineers and managed collaboration with outsourcing firms using agile and scrum to increase development speed and meet clients' demands
- Engineered a continuous integration and continuous deployment (CI/CD) pipeline across multiple instances utilizing Git, Heroku, and Bash streamlining individual contributions
- Authored and submitted successful grant proposals, securing $160K in funding and $25K in sponsorships from government and incubators, enabling key developmental milestones
- Produced promotional and sales visual assets, leading teams of up to 8, to ensure visibility and demonstrability of product on the web and at industry events

Full Stack Developer and Designer, Freelance   2014 – 2022

Metryx (Saas Startup)
- Re-designed branding, user experience, and user interface of a data-intensive workforce management tool using Django, React.js and MUI, positioning the product as the modern option and reducing most paths to action by 30%
- Proposed new frontend patterns and tooling, coached offshore developers on using data visualization and calendar tools to improve development speed and code quality

DevCyclop (Agency)
- Improved user interface and readability of data-intensive bid planning platform for large construction enterprise using vanilla JavaScript, jQuery, and CSS

My Touch (Startup)
- Created a request for proposal and organized a bidding process for a cosmetic e-commerce platform and warehouse management system

Venue Genie (Saas Startup)
- Realized mockups for the Airbnb of venues using React.js

Let's Hub (Startup)
- Transformed in-person orientation games and tools into web-based applications, empowering low-skilled workers to demonstrate their value to future employers
- Defined new visual identity by conceptualizing and coding a design system with CSS and SVG

Various clients
- Designed and realized dynamic websites using Python, JavaScript, Django, SQLite, Contentful, WordPress, Shopify, Liquid, React.js, Gatsby, CSS, and Sass.

Commercial Photographer, Freelance   2008 – 2022

- Created visuals enhancing the image of renowned brands, including Air Miles, Canada Space Agency, IGA, Cadillac Fairview, Place-des-arts, Canada Parks, British American Tobacco

Volunteering

Board Member, Cosimu   2019 – Present

- Co-wrote app requirements, and business and innovation objectives with C.E.O.
- Developed visually unique and complex sound controllers for music learning apps in React and CSS to demonstrate a transition to the web and increase cross-platform compatibility

Mentor, Academos (Career orientation office hours)   2021 – Present

Mentor, Brébeuf HX (Hackathon)   2023

Education

B.Sc.A Computer Sciences (Partial), Université du Québec à Montréal   2015 – 2016

B.Sc. Psychology (Partial), Université de Montréal   2010 – 2012