**Elias Touil**

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# Mission Statement / 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.

# Work Experience

**Full Stack Developer**

*Spark Jam (Saas Startup Cofounder), (June 2023 - Dec 2023)*

* Onboarded an engineer and documented the code to a successful responsibility transfer
* Introduced Scrum and documented procedures utilizing ClickUp to clarify the technical workflow for non-technical stakeholders
* Established a continuous feedback loop by monitoring users with Google Analytics, and Microsoft Clarity, and running usability tests with early adopters
* 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

**Lead Developer and Designer**

*La Maison Jaune (Saas Startup Founder), (2019 - 2023)*

* 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
* Authored and submitted successful grant proposals, securing $160K in funding and $25K in sponsorships from government and incubators, enabling key developmental milestones
* Engineered a continuous integration and continuous deployment (CI/CD) pipeline across multiple instances utilizing Git, Heroku, and Bash streamlining individual contributions
* Recruited three software engineers and managed collaboration with outsourcing firms using agile and scrum to increase development speed and meet clients’ demands
* Brought image recognition and 3D to the browser, conducted user experience tests to improve on friction points, doubling education content engagement among museum visitors
* 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
* 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

**Full Stack Developer and Designer**

*Freelance, (2014 - 2022)*

* Proposed new frontend patterns and tooling, coached offshore developers on using data visualization and calendar tools to improve development speed and code quality
* 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%

# 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;

# Education

**B.Sc.A Computer Sciences (Partial)**

*Université du Québec à Montréal, None (2015 - 2016)*

**B.Sc. Psychology (Partial)**

*Université de Montréal, None (2010 - 2012)*