



TIAO VIROUN KATTYGNARATH

REACT JS WEB DEVELOPPER

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ABOUT ME

After earning my mechanical engineering degree in 2007 at ISAE - SUPMECA, and working for a few years in the corporate world, I ultimately followed my childhood passion for music and the guitar.

After 10 years of accompanying artists on stage and in the studio as a guitarist and composer, the COVID period gave me the opportunity to discover the world of computer programming. It became a passion

As a self-taught programmer, I learned coding the same way I learned music—by doing, focusing on projects rather than following overly theoretical courses that were often far removed from the challenges and problems of a "real" application.

SKILLS

REACTJS

TYPESCRIPT

REACT QUERY

TAILWIND CSS

SASS/SCSS

NODE JS

EXPRESS

XANO

C++

JUCE C++ LIBRARY

OPENAI API

LINK

My portfolio:
<https://www.viroun.dev>

LANGUAGES

FRENCH

ENGLISH

DRIVING LICENSE

Driving license category
B

WORK EXPERIENCE

**CALVIN EMR:
ELECTRONIC
MEDICAL RECORDS**
Paris - Toronto
Jan 2023 - Present

Full-stack web developer

Implemented the whole development of a SaaS platform optimizing medical record and appointment management for Ontario clinics, through collaboration with a medical professional.

- Frontend: TypeScript, React/Vite, React Query, Sass/SCSS.
- Backend: TypeScript, Node.js, Express, Xano (database & ORM).

Key features include role-based authentication, real-time updates through websockets, shared calendar, SMS, email, eFax, prescription management, AI integration, billing management, and XML export.
Collaborated with doctors to optimize patient scheduling and data handling.

**TOOOL MUSIC
PRODUCTION APP**
Paris
Sep 2020 - Dec 2022

Co-Owner

Co-founded and co-developed Tool App, a cutting-edge cross-platform music production mobile application for iOS and Android, crafted to empower music producers with intuitive, on-the-go creation and mixing tools.

- Stack: C++, JUCE framework
- Enhanced user experience with intuitive audio plug-in-like interface
- More than 100k downloads on Android and 50k downloads on iOS

EDUCATION

**ISAE-SUPMÉCA -
INSTITUT SUPÉRIEUR
DE MECANIQUE DE
PARIS**
Paris
2007

Mechanical Engineer Degree

LYCÉE SAINT LOUIS
Paris

Preparatory classes in Mathematics, Physics, and Engineering Sciences (MPSI/MP)

**IMEP - PARIS
COLLEGE OF MUSIC**
Paris
2015

Degree in Harmony, Composition, Arranging and Improvisation