

AFROKK KHAN

pronounced af • rock

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SUMMARY

Full Stack Software Engineering grad with a parallel 7-year tech & creative design industry journey, managing a **1.7M subs YT channel**, **former founder of a tech news website**, and an avid **freelancer** with **works featured** in **Forbes**, **Uber**, and **more**.

TECHNICAL SKILLS

Languages: C, Java, Python, JavaScript, TypeScript, SQL (Postgres/MySQL), Mongo, HTML/CSS, SASS

Frameworks: React, Node.js/Bun, Flask, Vue.js, Next.js, Nuxt, Express.js, Prisma, Bootstrap, Tailwind

Tools: Git, Docker, REST APIs, CI/CD, Kubernetes, Prometheus, Adobe Suite, Figma, Unit Testing (Jest/Vitest/Pytest)

EXPERIENCE

Software Developer

April 2024 – Present

McGill University

Montreal, QC – Full-time

- Full-Stack Developer for **CHIME/FRB** team at McGill, building and maintaining **web-based tools** and **infrastructure** for **astrophysical data analysis** and maintaining a **high-performance computing cluster**.
- Led **migration** of critical applications from **React 16, CRA & Node** to **React 18, Vite & Bun**, **improving speeds by more than 2x** and enhancing scalability & developer experience across the entire codebase.
- Maintaining data processing pipelines handling over **1.5 petabytes** of extra-galactic data, utilizing **Docker Swarm clusters**, **Prometheus/Grafana**, **Ansible**, & more to support **real-time data processing** and **infrastructure monitoring**.

Creative Design Manager

March 2019 – Present

YouTube (@xeetechcare)

- Directing a thriving **1.7 million subscribers** YouTube channel to produce **tech** content for a worldwide audience.
- Managing **partnerships** with top-tier brands including **Samsung**, **Google**, **Chevrolet**, and **more** across diverse sectors.
- Generating over **5 million monthly views** by producing **2,000+** videos on emerging tech, spanning **smartphones**, **computers**, **electric vehicles**, and more.
- Engineered a **VueJS channel website** and an interactive Discord **Python chatbot** to boost community engagement.
- Enhanced views from **high CPM** regions by **40%** through **SEO** strategies, significantly boosting monetization potential.

Co-founder

May 2016 – February 2019

GeeksULTD

- **Established** and **piloted GeeksULTD.COM**, a technology/gaming-based website for **3+** years.
- Achieved **2x** faster load times by optimizing **JavaScript** & **CSS** and integrating **CDN** technologies like **Cloudflare**.
- Authored **550+** articles and reviews related to **computers**, **technology**, and **gaming**, reaching **100K+ monthly viewers**.
- Partnered with **Samsung**, **Logitech**, **MSi**, and more to publish **30+** product reviews and editorials.

EDUCATION

University of Windsor

Windsor, ON

Bachelors in Computer Science, Minor in Communications, Media & Film | **GPA: 3.9/4.0** | **President's List**

December 2023

PERSONAL PROJECTS (MORE ON **AFROKK.DEV**)

xeetechcare.com | [Vue.js](#), [Nuxt](#), [SSR](#), [Three.js](#), [TypeScript](#), [TailwindCSS](#), [GSAP](#) | [GitHub](#)

January 2024

- Pioneered xeetechcare.com, a bespoke **server-side rendered** website using **Nuxt 3 (Vue.js)**.
- Boosted user time-on-site by **40%** through **real-time** timeline updates, integrating **APIs** from **YouTube**, **Twitter**, **Instagram**, and **TikTok**.
- Optimized data fetching pipelines with **serverless functions** and enhanced **UX** using **Three.js** and **GSAP** animations.

litmus.tools | [TypeScript](#), [React](#), [SASS](#), [WebAssembly](#), [JavaScript](#), [Vercel](#) | [GitHub](#)

January 2023

- Engineered a comprehensive, **geography-specific** tax calculator and budgeting tool, utilizing **TypeScript**, **WebAssembly**, and **React** in a visually appealing interface.
- Incorporated data from the **US National Bureau of Economic Research** to offer **precise**, **ZIP code-specific** calculations and insights on users' savings and earnings.