

SABOOR BAKSHI

+1 (548) 883-4321 | saboor.bakshi@uwaterloo.ca | Waterloo, ON, Canada | GitHub | LinkedIn

EDUCATION

University of Waterloo

Bachelor of Computer Science (Honours, 4th year)

Sep 2020–Apr 2025

GPA: 3.9

SKILLS

- **Languages:** C/C++, Java, Kotlin, Python, Scala, JavaScript, TypeScript, HTML/CSS, MySQL, Postgres, Bash
- **Tools:** Git, JIRA, Azure DevOps, Postman, Swagger, Supabase, Firebase, OpenCV, Jupyter, Docker, XML, Figma
- **Frameworks:** React Native, React.js, Next.js, Node.js, jQuery, Apache Spark, Apache Hadoop
- **Interests:** Poker, Product experience, Web development, Mobile development, Machine learning

PROFESSIONAL EXPERIENCE

Hairloss AI

Founder

Waterloo, ON

July 2024–Present

- Developed a React Native application enabling men to diagnose Androgenic Alopecia (AGA) within minutes.
- Utilized ML Kit to capture three facial angles and the crown, streamlining the scanning process and user experience.
- Developed and hosted a custom diagnostic algorithm utilizing facial landmark and selfie multi-class segmentation models, OpenCV, and Numpy.
- Developed a dynamic referral system and intuitive dashboard to measure performance and manage partnerships with content creators, utilizing Next.js and Supabase.
- Achieved 4,000 installs and \$2,000 in Monthly Recurring Revenue (MRR) over the first 3 months.
- [Link to App](#), [Link to Referral Dashboard](#)

Kenna

Software Engineer

Mississauga, ON

Sep 2024–Present

- Developed and deployed BASF campus web applications utilizing React and jQuery.
- Authored code to build HTML emails for automatic sendouts, streamlining communication workflows.
- Mastered IBM Lotus Notes and Designer to migrate API calls to Node.js and update JavaScript-based agents, enhancing system scalability and application reliability.

4BY4

Founder

Waterloo, ON

Apr 2024–Present

- Founded a web agency, acquiring clients through targeted cold emailing and optimized referral strategies.
- Designed intuitive user interfaces and experiences from concept to deployment using Figma.
- Developed responsive web pages utilizing JavaScript, React.js and Next.js whilst adhering to best programming practices.
- Generated over \$5,000 in revenue by delivering scalable web solutions and ensuring high client satisfaction.
- [Link to Client 1](#), [Link to Client 2](#)

Telcovas

Software Engineer

Remote

Oct 2023–Dec 2023

- Implemented and maintained TCP/IP multi-client server applications in C++ on Linux, ensuring reliable communication.
- Developed data encoding/decoding processes using ASN.1C for efficient communication protocol in complex networks.
- Customized C++ MySQL connectors to optimize data retrieval from external databases, increasing access efficiency

Omnivex

QA Engineer

Ottawa, ON

Sep 2022–Dec 2022

- Designed and implemented automated integration and regression tests for RESTful APIs in Java.
- Developed over 500 module tests employing object-oriented and data-driven testing to ensure comprehensive test coverage.
- Utilized Swagger and Postman for API test preparation and validation, ensuring accurate and reliable API functionality.

PROJECTS & OUTSIDE EXPERIENCE

TopBot - [Link to Project](#)

Apr 2024

- Designed and developed a TypeScript-based React.js application for tracking the App Store rankings of cryptocurrency apps in real-time, utilizing Supabase for data management and Python scripts for hourly backend data acquisition.
- Identified publicly available but unlisted APIs, allowing for free data acquisition.

StreamTune - [Link to Project](#)

Jan 2024

- Developed an Android app that converts YouTube URLs to mp4 format for seamless audio playback.
- Utilized Kotlin with MVVM architecture for the frontend and Firebase for the backend.