

Mohammad Labak

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[GitHub](#) | [My Website](#)

SOFTWARE DEVELOPER

Full-stack developer passionate about building efficient, user-focused, and scalable web applications.

Experienced in process automation, cloud deployment, and system optimization.

Strong spatial and visualization skills from 3D design and AutoCAD experience.

SKILLS

Languages: Python, JavaScript, Java, C++, HTML, CSS

Framework: Flask, React.js, Node.js, Next.js

Databases: MongoDB, MySQL, Sanity CMS

Tools: Git, Docker, Linux, REST APIs, Stripe, Vercel, Railway, AutoCAD

Core Strengths: Full-stack Development, Cloud Deployment, Process Automation, CI/CD, 3D Visualization

PROJECTS

Allpac Container Store - *React.js · Node.js · MongoDB · Stripe* August 2025

[View live site](#)

- Developed a **full-stack e-commerce platform** for a packaging manufacturer, integrating Stripe Checkout and dynamic pricing across **12 Cup Products**.
- Secured two B2B clients generating over **\$80 K USD** in orders and established recurring monthly sales.
- Deployed via **Vercel** using **GitHub Actions CI/CD** for automated builds and rollouts.

FixUrSpeech AI – *Flask · Python · JavaScript · OpenAI Whisper & GPT-4* August 2025

- Developed an AI-powered web app that records, transcribes, and enhances English speech using Whisper and GPT-4, providing real-time pronunciation and grammar correction.
- Integrated OpenAI TTS-1 to synthesize natural-sounding voice playback of corrected sentences.
- Designed an interactive interface with real-time waveform visualization, segment-based transcript playback, and contextual grammar explanations.

LaPurity Water Tech Product Catalog - *Next.js · Sanity CMS · Tailwind CSS* September 2025

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- Built a **Next.js catalog site** integrated with **Sanity CMS** for structured, real-time product data.
- Automated catalog population using **Node.js scripts** and optimized GROQ queries.
- Designed responsive layouts achieving **95+ Lighthouse performance scores**.

WORK EXPERIENCE

Teaching Assistant - University of Windsor Sep 2024-Present

University of Windsor, Windsor, Ontario

- Guided first-year students through programming labs in Python and C++.
- Debugged code live, clarified algorithmic logic, and graded assignments with written feedback.

Design assistant (Co-op) – MMA Architect May 2022 – Aug 2022

MMA Architect, Windsor, Ontario

- Created detailed 3D models and layouts using AutoCAD.
- Recognized by senior architects for exceptional visualization and precision skills.
- Strengthened spatial reasoning applicable to software and interface design.

EDUCATION

Bachelor of Computer Science (Honours, Co-op) - University of Windsor 2023-Present

Relevant course work: Software Development, Software Engineering, Databases, Numerical Analysis for Computer Science

CERTIFICATIONS

Career Essentials in Generative AI - Microsoft

Dec 2024

Career Essentials in Software Development - Microsoft

Nov 2024