

Niraj Malokar

Available: 4–12 months beginning May 2026 | 343-558-6459 | ... 343-558-6459 | nirajmalokar@gmail.com | [linkedin.com/in/niraj-malokar](https://www.linkedin.com/in/niraj-malokar) | github.com/NirajMalokar21 | [portfolio-website](#)

EDUCATION

Carleton University

Bachelor of Computer Science, Honors, AI & ML stream

Ottawa, ON

Sep. 2022 – Present

- 3rd year standing, GPA: 10.95/12.00
- International Excellence Award, Academic Deans' Honor List

EXPERIENCE

Freelance Web Developer

July 2025

The Cover Up Project (TCUP)

Remote

- Diagnosed and optimized **WordPress WooCommerce** performance, evaluating theme upgrades, redesign options, and optimization strategies with non-technical clients.
- Upgraded **PHP** version, replaced **WooCommerce AJAX cart fragments** with a custom lightweight **JavaScript/cart update solution**, and enabled **server-side caching** for bundled products.
- Achieved a **20–30% site speed improvement**, verified using **GTMetrix** performance benchmarking.

Application Developer Intern

Sep. 2024 – Dec. 2024

CIBC

Toronto, ON

- Explored and implemented tools like **JIRA** for **Agile project management** and **Microsoft Azure** through CIBC's training modules.
- Collaborated on **Python automation scripts** to process upstream application data.
- Created and managed **change tickets** using **ServiceNow**, coordinated approvals with managers, and presented business impacts during approval meetings, gaining insights into the full **application development and testing lifecycle**.

PROJECTS

Patient Management Microservice Application | *Spring Boot, Spring Cloud, Docker, Kafka, AWS* June 2025

- Developed and deployed a **microservices-based healthcare application** using **Spring Boot**, **Spring Cloud Gateway**, and **Spring Security**, implementing **REST APIs**, **gRPC inter-service communication**, **Kafka messaging**, and **JWT-based authentication/authorization**.
- Containerized and orchestrated microservices and databases (**Postgres**, **Kafka**, **Patient-Service**, **Auth-Service**) using **Docker & Docker Compose**, enabling seamless **service discovery**, **inter-container networking**, and reproducible development/test environments.
- Integrated **AWS services** via **Infrastructure as Code (AWS CDK & LocalStack)**, provisioning **ECS (Fargate)**, **RDS**, **MSK (Kafka)**, **VPCs**, and **ALB**, while adding **Swagger API documentation**, **integration testing (JUnit, Testcontainers)**, and **CI/CD-ready configurations** for scalable deployment.

Superstore Data Analysis & Hypothesis Testing | *pandas, NumPy, SciPy, Matplotlib, Seaborn* May 2025

- Conducted **exploratory data analysis (EDA)** on Superstore sales data to identify trends in revenue, profit, and customer segments.
- Discovered **patterns and correlations** in sales, discounts, and regional performance to evaluate business strategies and decision-making.
- Visualized insights with **Seaborn/Matplotlib**, translating findings into clear, data-driven conclusions.

Dev-Overflow | *Next.js, TailwindCSS, MongoDB, Node.js, TypeScript* June 2024

- Created a responsive full-stack app with authentication using Clerk and webhooks
- Implemented MongoDB queries to develop a recommendation algorithm
- Added features such as pagination, filtering, and local/global search using search parameters

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C, C++, SQL, HTML/CSS

Frameworks: Spring, React, Next.js, Node.js, TailwindCSS, REST API

Tools: Git, Docker, Kubernetes, AWS, Kafka, JWT-auth, JUnit, gRPC, JIRA

Libraries: Pandas, NumPy, Matplotlib, SciKitLearn, GSAP, shad-cn