Chehrona Fozil

chehronafozil.com | LinkedIn | GitHub | chehronafozil@gmail.com | 437-881-5356 | Toronto, ON

EXPERIENCE

Software Engineer 2024 – Present
gloApp *Toronto, ON*

- Design and implement mobile-first architecture using React Native (TypeScript) and Django (Python) for a wellness-related app
- Integrate SQL-based relational databases, secure authentication providers and responsive UI
- Build and optimize RESTful APIs for scalable client-server communication, leveraging Docker containers and CI/CD pipelines for cloud-ready deployments
- Lead Agile sprint planning, creating and tracking development tasks in Jira for a four-person team

Full Stack Developer Dec 2022 – Dec 2023
nference, Inc. *Toronto, ON*

- Developed and scaled an in-house onboarding framework by extending **Shepherd.js** with custom interactivity and persistent state across multiple URLs
- Built a no-code CMS for onboarding creation, enabling a team of **10+ UI/UX designers** to design and launch flows independently, reducing engineering overhead
- Automated data preprocessing for ML pipelines with Python RegEx filters, streamlining QC workflows and pathology slide analysis
- Deployed centralized error reporting and a dynamic troubleshooting guide across **10 Mayo Clinic Health Systems scanners**, improving visibility and reducing downtime
- **Tech Stack**: React, SCSS, styled-components, Toasts, custom hooks, Material UI, Node.js, Sails.js, MongoDB

PROJECTS

Farhang Dictionary ⬀ | *React Native, TypeScript, Django, SQL, Docker, Git* May 2025 – Sep 2025

- Developed a cross-platform **mobile** explanatory dictionary for the Tajik language with support for **10,000+ words**
- Built a Django REST backend with SQL database and deployed with Docker
- Implemented user authentication and interactive vocabulary games to drive user engagement

Tajik Heritage ⬀ | *Next.js, React, TypeScript, Node.js, MongoDB, Meilisearch, Docker, Git* 2025 – Present

- Built a multilingual cultural preservation web app with RESTful backend, supporting full-text search via Meilisearch
- Containerized with Docker Compose and deployed on AWS EC2; used Caddy for reverse proxying, HTTPS, and load handling
- Optimized search queries by 50% with Meilisearch indexing and automated deployments with CI/CD pipelines

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, ES6, HTML5, CSS3, Python, SQL, Bash, OOP
Frameworks: React, React Native, Node.js, Express.js, Next.js, jQuery, styled-components, MongoDB, SQL, Firebase, Flask, Django
Tools: Docker, DevOps, AWS, Caddy, Git, GitHub, Postman, Jira, Figma, Confluence, Agile development

EDUCATION

McGill University 2018 – 2020
MSc. in Biochemistry *Montreal, QC*

Maryville College 2013 – 2017
B.Sc. in Biochemistry, Minor in Computer Science *Maryville, TN*

CERTIFICATES

- Scientific Computing with Python – freeCodeCamp
- Data Analysis with Python – freeCodeCamp
- Responsive Web Design – freeCodeCamp