

Peyman Naderi

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EDUCATION

University of Western Ontario

September 2019 - April 2024

B.Sc Specialization in Computer Science w/ **Internship program**

London, ON

Relevant Courses:

Software Design & Architecture, Object-Oriented Design & Analysis, Software Project Management, Data Structures & Algorithms, Databases I & II, Foundations of Computer Science, Organization of Programming Languages, Computer Science Fundamentals I & II, Software Tools & Systems Programming, Human-Computer Interaction

TECHNICAL SKILLS

Programming Languages Java | C/C++ | Python | JavaScript | HTML/CSS/PHP | SQL/MySQL/MongoDB | Dart

Technologies Spring Boot | React.js/Node.js | Docker | AWS | Datadog | Redis | Jenkins | Postman Testing

WORK EXPERIENCE

Software Engineering Intern

May 2022 - September 2023

Synamedia

London, ON

- Developed performance metrics tools for services, **enhancing QA efficiency**. Involved in full-stack development, from interactive front-end to **MongoDB integration**, providing detailed API performance visuals and error reports for **over 160 sprint cycles**, reduced QA team's manual analysis time by **over 90%** and **eliminated** the need for **bi-hourly meetings** each week.
- Led a major **Spring Boot framework upgrade (2.5 to 3.0) on over 15 services**. Managed initial upgrades independently and **coordinated a team** for subsequent updates, overseeing **task allocation** and handling deprecations.
- Conducted regular debugging and back-end enhancements, including **query optimization and algorithm refinement within Spring controllers**, contributing to improved microservice performance and reliability.

Software Engineering Intern

May 2021 - September 2021

Walletifai

Toronto, ON

- Implemented, debugged, and tested new back-end features **using Java Spring Boot and MySQL**, to ensure robust, efficient system performance and backend processes. Contributing to the overall improvement of system functionality and user experience while working with sensitive data.
- Conducted extensive Postman testing on **over 15 RESTful API endpoints**, verifying the accurate transmission and receipt of **JSON data between backend and frontend** systems.

Junior Developer Intern

March 2020 - February 2021

Vogro

London, ON

- Rapidly learned **Dart and Flutter** for iOS development, successfully **creating over 15 interactive front-to-back mobile app pages** utilizing **Flutter, Firebase, Django, and PostgreSQL**, leading to a **20% increase** in app functionality and user engagement within the first three months post-launch.
- Actively contributed to the development and maintenance of an **end-to-end mobile application** facilitating volunteers in job finding, **hosted on AWS**. This resulted in **improved project delivery time by 25%** and ensured timely feature releases in alignment with user feedback and needs.

PROJECTS

Readify: Bionic Reader & AI Study Tool

April 2023 - Present

Full-Stack Developer

London, ON

- Developed 'Readify', a browser extension enhancing online reading experience with customizable webpage settings using **React.js**. Implemented Bionic Reading functionality **for 250+ users** to aid with ADHD, dynamic text alteration for improved focus, and readability on Chrome.
- Integrated an **AI-based summarization tool** w/ translation for quick key takeaway extraction from lengthy articles, created a feature for adding and managing notes directly on webpages along with highlighting, underlining, and TTS.

GoContract & Healthflow

September 2023 - December 2023

Full-Stack Developer

London, ON

- Developed the GoContract application, a platform connecting contractors to clients, focusing on **ReactJS, NodeJS, and IBM Cloudant**. Led front-end, back-end, and database management, building the contractor side **service registry** and services.
- Developed Healthflow, a patient portal and healthcare professional interface **using React.js and Node.js**, integrating **Apache Cassandra for managing healthcare data**, focusing on scalable, fault-tolerant solutions.

Facial Recognition Door Camera

September 2021 - January 2022

Developer

London, ON

- Collaborated in a team to develop a facial recognition door camera using **Raspberry Pi** and **C++**. Implemented real-time face detection and recognition with **OpenCV**, enhancing home security with additional features like push notifications, LED indicators, a solenoid lock, and a buzzer system.