

ARIA GOMES

Ottawa, ON

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OBJECTIVE

Full Stack Developer with a strong background in software development, cloud services, and technical architecture. Seeking to leverage expertise in creating scalable, data-driven solutions to drive innovation and deliver value at a forward-thinking tech company.

SKILLS

Programming: Java, Python, SQL (PostgreSQL, MySQL), NoSQL (MongoDB), JavaScript/Typescript, HTML/CSS, PHP, C, C++, C#, Assembly, Shell Scripting.

Knowledge: Networking, Big-O, Operating Systems, Embedded Systems, iOS & Android, Databases, Software Testing.

Soft Skills: Collaboration, problem-solving, critical thinking, continuous learning, adaptability, time management.

Languages: English (fluent), French & Portuguese (intermediate).

Development Tools: Visual Studio, VS Code, JetBrains IDEs, Arduino IDE, Docker, MongoDB, Node.js, React, Next.js, Git, WSL/Linux, Selenium, Postman, VMware, VirtualBox.

EXPERIENCE

Software Engineer II

February 2024 – August 2024

Superna Inc.

- Scalable solution to manage, protect and secure petabytes of data
- Tasks: Develop UI & Back-end handlers, Troubleshooting, develop mock-ups, Code solutions based on requirements, Research new developments, perform code reviews, contribute & collaborate with different teams to meet sprint goals, Identify risks and bugs in codebase

Software Engineer I

August 2022 – February 2024

Superna Inc.

Technical Support Representative

February 2022 – August 2022

Barracuda Networks

- Worldwide IT security company focusing on enterprise applications
- Tasks: Diagnosing, Troubleshooting, Customer Contact, Processing RMA's, installing new hardware, Malware removal, Data backups, System configuration

Computer Repair Specialist

October 2020 – August 2022

Aria's Repair

- Self-made, home-based business of repairing laptops and desktops.
- Tasks: Diagnosing, Troubleshooting, Customer Contact, ordering replacement hardware, Installing new hardware, Malware removal, Data backups, Control finances, Control inventory.

EDUCATION

Ontario College Advanced Diploma
Algonquin College of Applied Arts and Technology

September 2018 - December 2021

- Deans Honours List
- Coursework Completed: C Language (C), Database (PostgreSQL), Interfacing (C/C++), Compilers (C), Real-Time Programming (C/C++), Processor Architecture (Assembly), Java Application Programming (Java SE), Web Enterprise Applications (Java), Object-Oriented Programming (Java), .NET Enterprise Application Development (C#), Game Programming (C#), Operating Systems Fundamentals (Linux).

PROJECTS

Afroguide

- Developed a ReactJS-based platform for users to discover hairstylists & barbers specializing in black hair. Integrated Google API for geolocation and autocomplete features.

DiscordShell

- Created a Node.js app that runs Linux shell commands inside Discord. Integrated Discord API and `child_process` for real-time command execution.

PicoPaste

- A self-hosted pastebin application built with the MERN stack, featuring a React frontend, Express backend, MongoDB database, and Node.js for server-side logic. Developed using JavaScript/TypeScript and styled with TailwindCSS.

asciiPlayground

- Developed to explore and experiment with Three.js for 3D rendering and visualization, using Leva GUI to manipulate environments and meshes. The project served as hands-on learning for the Three.js library.

socket-chat

- Built a real-time chat application similar to Slack using the Socket.IO library, enabling users to join rooms, send/receive messages instantly, and interact in real-time. The project demonstrated practical use of WebSockets for fast, bidirectional communication.

Unraid-Cloudflared-Tunnel

- Created a lightweight Docker container using Alpine Linux to run Cloudflared on NAS software Unraid, compatible with any x86 machine. The container has been downloaded over 100k times, and the GitHub repository has earned over 20 stars.

CERTIFICATIONS

- [JavaScript Algorithms and Data Structures](#) (freeCodeCamp) | May 2022
- [Responsive Web Design](#) (freeCodeCamp) | June 2022
- [Back End Development and APIs](#) (freeCodeCamp) | July 2022
- [Front End Development Libraries](#) (freeCodeCamp) | October 2023
- [Software Engineer](#) (HackerRank) | August 2024
- [Frontend Developer \(React\)](#) (HackerRank) | August 2024

HOBBIES AND INTERESTS

Automation, Docker, IoT, Machine Learning, and home lab/self-hosting.

References available upon request