

ARIA GOMES
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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, 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.*

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