Facundo Ayosa

Software Developer

📍 Buenos Aires, Argentina   📞 +54 9 11 6457-9559   @ ayosafacundo@gmail.com

🔗 Personal Portfolio

Skills

Javascript/Typescript

Javascript
ECMAScript 2024

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React, JSX, TSX, Node.js, Deno, npm, yarn

Python

Data Analysis
Python3

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pip, Data Analysis, pandas, numpy, matplotlib

C/C++

Learned in University Siglo 21

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Data structures, Inter-Process communication, Multithreading

Java

Learned in University Siglo21

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Inter-Process Communication, Multithreading, OOP, Data Structures

Azure

Certified by Microsoft on 2023

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Azure Essentials

Linux

Self-hosted homelab hobby

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Linux, Ubuntu, Debian, Alpine, apt, apt-get

Docker

Dockerized apps

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Docker, Kubernetes, Container

Languages

English

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Spanish

Native

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Interests

Homelabbing

Docker, Linux, Self-hosted, Networking, Bash scripting, Containerization, Proxmox Hypervisor, Bare Metal, ZFS, Virtualization

Mentoring / Tutoring

Simplifying Complex Concepts, Knowledge Sharing, Code Review, Performance Improvement, Professional Development

Profiles

in Ayosa Facundo

○ Facundo Ayosa

Summary

Highly motivated professional with a dedication to continuous improvement. Leverage strong analytical skills and clear communication to deliver impactful results, consistently exceeding expectations and meeting deadlines.

Experience

Junior Achievement Americas — February 2025 - November 2025

Digital Success Manager — Remote

🔗 https://jaamericas.org/

- Successfully launched and supported an Artificial Intelligence education program for underserved youth, training project managers, managing inter-regional communications with IBM, and implementing automations to streamline key platform processes.
- Proactively improved speed and reduce downtime to a minimum by developing automations to mainstream processes, without extra costs to the company.
- Spearheaded the digital success and operational efficiency of Junior Achievement's programs utilizing the IBM SkillsBuild platform.
- Provided comprehensive 24/7 IT support, directly troubleshooting platform usage errors for Project Managers and other teams, resulting in reduced downtime and improved user understanding.
- Instrumental in optimizing program engagement and providing accurate reporting on student participation and progress.

Key Skills: Problem-solving, Technical Support, Communication (written & verbal), Project Management, Training & Instruction, Automation using Power Automate and Teams, Reporting & Analysis, Proactive Support.

355Code — November 2023 - February 2025

Software Developer & Part-time Teacher — Remote

🔗 https://www.355code.com/

- Instructed Python, Java and Javascript alongside Ivy League graduates to High-School and University students. Beginner to Advanced classes.
- Developed and Mantained the infraesructure that allowed the company to keep a record of every student's progress and keep in touch with their respective parents at no aditional cost to the company.
- Securely hosted the database were we kept the student's records in a secure way that allowed fast access for parents and editing permissions for teachers.

Key Skills: Problem-solving, Technical Support, Communication (written & verbal), Project Management, Training & Instruction, Teaching, Python, Java, Javascript.

Certifications

Typescript: Tu completa guía y manual de mano.

Udemy

May 2023

🔗 https://www.udemy.com/certificate/U…

Teacher: Fernando Herrera.
Full Typescript guide, with advanced type definitions.

JavaScript Algorithms and Data Structures

Freecodecamp

April, 2022

🔗 https://www.freecodecamp.org/certifi…

Responsive Web Design

FreeCodeCamp

July, 2022

🔗 https://www.freecodecamp.org/certifi…

DevOps with Docker: Docker basics

University of Helsinki

December 22, 2025

🔗 https://courses.mooc.fi/certificates/val…

Hands-on docker course with training on the basics of how to make a dockerfile.

DevOps with Docker: Docker Compose

University of Helsinki

December 22, 2025

🔗 https://courses.mooc.fi/certificates/val…

Hands-on docker compose course with training on docker-compose using multiple dockerfiles, with docker hub experience.

DevOps with Docker: Security and Optimization

University of Helsinki

December 26, 2025

🔗 https://courses.mooc.fi/certificates/val…

Hands-on docker compose and dockerfile optimization and security course, focusing on minifying image size and improving security

Projects

Portfolio   December 2025

Expressjs backend, React + Vite frontend, PostgreSQL database, dockerized and self-hosted.

🔗 https://ayosafacundo.com.ar

- Developed a full stack web app using Expressjs for the backend serving a RESTful API, connecting through a secure tunnel to a postgresql database.
- Prototyped using next-generation AI for the design.
- Containerized and deployed to a self-hosted Portainer LXC on my Homelab.

docker, expressjs, postgresql, javascript, typescript, react, vite, self-hosted, RESTful APIs, Nginx

Pokedex   June 2022 - February 2023

Github project with Backend and Frontend.

🔗 https://github.com/ayosafacundo/management-app?tab=readme-ov-file

- Frontend made in React using Typescript and Bun as JavaScript runtime.
- Data gathered from PokeApi V2.
- Dockerized to a 21,86MB container, and self-hosted on a Portainer LXC on my personal homelab.

frontend, backend, node, bun, expressjs, react, docker, Self-hosted

Personal Homelab   December 2024 - Present

Homelab running Proxmox

- Utilized Proxmox VE as a hypervisor to manage multiple virtual environments. Deployed and configured a diverse range of services within LXC containers.
- Engineered a secure and segmented network using a ZeroTier virtual LAN. Implemented Nginx as a reverse proxy to manage traffic and SSL certificates for services like NextCloud and Firefly III, while establishing strict firewall rules to protect hosted applications, including public-facing Minecraft servers.
- Developed Bash scripts and systemd units for automating service lifecycles and ensuring system reliability. Integrated N8N workflows to automate complex tasks and streamline administrative processes across hosted applications. Deployed and managed critical network services, including Pi-Hole for network-level DNS filtering and NTFY for system alerts.

Linux System Administration, Nginx, N8N, ZeroTier, Proxmox VE, LXC, Portainer, Bash Scripting, Network Security, Alpine, Ubuntu, Debian, Troubleshooting

Education

Siglo 21   March 2024 - Present

Degree on Computer Science   Graduate Certificate

🔗 https://21.edu.ar/

Junior Achievement   April 2023 - September 2023

Azure Fundamentals   Microsoft Certificate

🔗 https://www.credly.com/badges/02af65bc-0ef0-4ef4-8521-8a5163b6125f/linked_i…

Azure Fundamentals and Cloud Computing