MATTEO GISONDI

Software Engineer
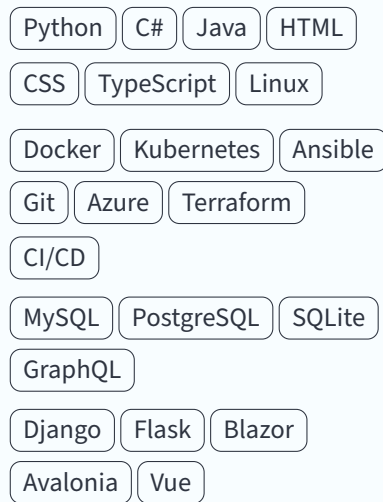
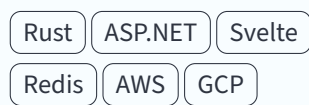@ matteo.gisondi@gmail.com   ● Montreal, Canada   in matteo-gisondi   ○ MatteoGisondi
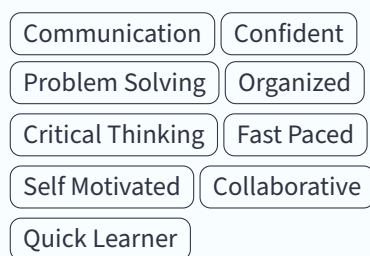
TECH STACK

`Python` `C#` `Java` `HTML`
`CSS` `TypeScript` `Linux`
`Docker` `Kubernetes` `Ansible`
`Git` `Azure` `Terraform`
`CI/CD`
`MySQL` `PostgreSQL` `SQLite`
`GraphQL`
`Django` `Flask` `Blazor`
`Avalonia` `Vue`

LEARNING

`Rust` `ASP.NET` `Svelte`
`Redis` `AWS` `GCP`

SOFT SKILLS

`Communication` `Confident`
`Problem Solving` `Organized`
`Critical Thinking` `Fast Paced`
`Self Motivated` `Collaborative`
`Quick Learner`

LANGUAGES

English: Native

French: Professional

Italian: Conversational

Spanish: Conversational

ABOUT ME

Driven, resourceful and results-oriented Software Engineer with 3 years of experience. A passion for coding and a strong foundation in DevOps. Aptitude for problem-solving and a passion for innovation. Seeking a challenging position in a dynamic environment where I can apply my knowledge and leverage my technical and interpersonal skills to contribute to the organization.

EXPERIENCE

Software Engineer (Internship + Contract) @ Shared Services Canada

📅 05/2022–current   ● Remote (Canada)

- Wrote high-quality, enterprise-grade C# code for a Blazor codebase, contributing to the success of the cutting-edge Datahub platform.
- Showcased the capabilities of the Datahub platform by designing and implementing state-of-the-art machine learning algorithms in Azure Databricks.
- Improved internal tool consumption by writing Infrastructure as Code to deploy Kubernetes clusters for innovative tools such as Tailscale, Kubeflow, and KubeVirt.
- Demonstrated expertise in cloud computing, DevOps practices, and containerization technologies.

Cyber Security Engineer (Internship + Contract) @ Royal Canadian Mounted Police

📅 05/2021–12/2021   ● Montreal, QC

- Successfully deployed a scalable Python project using Docker, resulting in efficient deployment and improved performance.
- Demonstrated expertise in API integration by interfacing with various Rest APIs and developing a custom Rest API wrapper.
- Maintained strict confidentiality and security protocols, with additional details available upon request.

QA Engineer (Internship) @ Nuance Communications

📅 09/2021–12/2021   ● Remote (Canada)

- Demonstrated expertise in API integration by developing a Python interface for qTest REST API, retrieving test run data for all Analytics projects and improving data analysis.
- Centralized application data in Confluence pages by utilizing Confluence API to upload collected data, resulting in improved collaboration and visibility.
- Improved security incident response time by creating Gitlab CI/CD templates to automate the process of uploading Xray violation data as a Jira ticket within the Gitlab CI/CD pipeline.
- Enhanced team productivity and simplified the developer workflow by making contributions to the Python Xray Client Project.

EDUCATION

Bachelor of Engineering in Software Engineering (Co-op) @ Concordia University

📅 2019–2023   📍 Montreal, Canada

- GPA: 3.4

Diploma of College Studies in Pure and Applied Science @ Marianopolis College

📅 2017–2019   📍 Montreal, Canada

- R-Score: 32.3

PROJECTS

Home Server 🔗

💼 ongoing

- Set up and self-hosted a Home Server, demonstrating expertise in server management, infrastructure design, and cloud computing.
- Configured a VPN for external access, ensuring secure and reliable remote access to the Home Server.
- Deployed personal services such as Nextcloud, Jellyfin, and Bitwarden using Docker, showcasing proficiency in containerization and virtualization technologies.
- Utilized Traefik as a reverse proxy, demonstrating expertise in networking and web services management.
- Ensured high performance, reliability, and scalability of the Home Server by utilizing cutting-edge technology and DevOps best practices.

Capstone Project: Chess Boom 🔗

📅 09/2022–04/2023

- Showcased comprehensive skills in application development, infrastructure design, and project management as part of a Capstone project during my Software Engineering undergraduate studies.
- Contributed to the innovative Chess Boom Application, a platform for analyzing downloaded chess games and supporting multiple variants, utilizing cutting-edge .NET framework Avalonia.
- Demonstrated ability to leverage external resources and integrate third-party libraries like Stockfish and Fairy-Stockfish for advanced functionalities, and integrated with lichess.org.
- Led the design of the project's robust and scalable infrastructure as the sole deployment contributor, ensuring high performance and reliability.

Portfolio Website 🔗 | 🌐

📅 04/2023

- Developed a personal portfolio website using Vue and Vite, showcasing proficiency in modern web development technologies and frameworks.
- Deployed the website via Traefik, demonstrating expertise in deployment, infrastructure management, and DevOps practices.
- Implemented responsive design to ensure optimal viewing experience on various devices, demonstrating expertise in cross-platform development and mobile-first design.
- Self-hosted the website, demonstrating expertise in server management and infrastructure design.

INTERESTS

- Homelab: Experienced in setting up and configuring home-based computer systems for learning and experimentation, with a focus on virtualization and networking technologies.
- Chess: Enthusiastic player and learner of the strategic game of chess, with a Lichess rating of 1700.
- Scripting: Proficient in developing scripts and automations for various tasks using languages such as Python and Bash, with projects available on GitHub and my Portfolio.
- Computer Hardware: Deep interest and knowledge in computer hardware components and technologies, including CPUs, GPUs, storage devices, and motherboards.