

Mihai-Cristian Fufezan

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Fourth year Computer Engineering student with a passion for developing great programs and managing systems. Enjoys finding the intersection between fast, correct and elegant code.

Education

 **Bachelor's degree in Electronics, Telecommunications and Information Technology** 2021 - 2025
TECHNICAL UNIVERSITY OF CLUJ-NAPOCA Cluj-Napoca

 **High school diploma in Mathematics & Informatics** 2017 - 2021
TITU MAIORESCU NATIONAL COLLEGE Aiud

Skills

- Spoken languages** English, Romanian
- Prog. languages** Bash, C/C++, Java, JavaScript, MATLAB, Nix, PHP, Python, Rust
- Databases** Microsoft SQL, MySQL, Firestore, Postgres
- Build tools** CMake, Maven, Meson, Nix
- DevOps** NixOS, QEMU, Terraform
- Social skills** Worked in multiple teams, participated in team-building activities. Working with people is a strong point.

Experience

 **Software developer** 2024 - present
ASEE Remote

- Worked with Azure and Tungsten Automation services
- Contributed to internal technical documentation
- Created and maintained PoCs for potential apps and services
- Obtained certifications for Tungsten Automation Capture and Transformation Modules

 **Contracting** 2021, 2022
NIXOS FOUNDATION Remote

- Took part in a team of participants to package NGI (Next Generation Internet) applications with [Nix](#) for the [Summer of Nix](#) program, as well as developing dream2nix and improving the overall Nix/NixOS documentation
- Improved documentation of several areas of the [NixOS Wiki](#)
- Created publicly-available flakes accessible on the [NGI-Nix organization](#)

 **Apprenticeship** 2019 - 2020
DIGITAL NATION Remote

- Participated as an apprentice in the [Generația Tech](#) program
- Learned PHP development using WordPress themes & plugins, under the guidance of skilled mentors
- Learned JavaScript back-end and front-end development, Firebase management and integration
- Was local ambassador for the Alba county regional group. Participated in team management, administration, logistics

Projects & Associations

dotfiles 2021 - Present

- Managing my desktop machines running NixOS using Git and Flakes
- Every machine is accessible everywhere through Tailscale
- Useful configurations accumulated over the years

Infrastructure 2022 - Present

- Server management provisioned through Terraform, running NixOS, connected over Tailscale
- alpha**: Oracle ARM VPS running multiple services
- home server**: Older machine running various services at home

nix-gaming 2021 - Present

- Repo hosting an ever-growing collection of games and related software packaged for Nix

Contributions

- Maintainer of Hyprland and HyprWM
- Maintainer for Nixpkgs
- Contributor to Nix Community projects

Diplomas

- 2016 **1st place, County stage**, English Olympiad
- 2017-2019 **Mentions**, English Olympiad
- 2020 **2nd place, County stage**, English Olympiad
- 2017 - 2018, 2020 **Participation**, Informatics Olympiad
- 2022 **Participation & 3rd place @ Cognizant Softvision**, CodeRun
- 2023 **Participation**, STS Bootcamp

Certificates

- 2019 **Certificate of completion**, Digital Nation
- 2020 **PHP Knowledge Certificate**, Digital Nation
- 2023 **Python Course**, TUCN