

Sami Aich

Software Developer

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Versatile and driven software developer, specialised in turning requirements into robust digital solutions. Strongly interested in cybersecurity, artificial intelligence and emerging technologies. A reliable team player with a project management mindset, able to plan and prioritise effectively to meet the objectives set.

EXPERIENCE

Firmware Engineer - Itron

2023 – 2024

- Developed and maintained firmware for a range of devices.
- Worked with cross-functional teams to improve product features.
- Ran testing and debugging to guarantee high-quality deliverables.
- Automated test scenarios in Python and validated them on LTE modems.

Volunteer - 42 Paris campus

2022 – 2023

- Supported the campus team with administrative tasks.
- Welcomed and guided students.
- Maintained the campus computer equipment.

EDUCATION

RNCP Level 7 (Master's equivalent) - École 42

2019 – 2023 · Paris, France

- Project-based curriculum: systems, networking, algorithms, web development.

Bachelor's Degree in Computer Science - Université Paris Diderot

2017 – 2019 · Paris, France

PCSI Preparatory Class - Lycée Saint-Louis

2015 – 2016 · Paris, France

SKILLS

Languages: C, C++, Java, Python, Rust

Backend: NestJS, Node.js

Frontend: React

Databases: PostgreSQL, MongoDB

Embedded: firmware, Cortex-M33, STM32, LTE modems

Systems: Linux, macOS, Windows

Tools: Git, Docker, Power BI

PROJECTS

Pong game website - University project, École 42

2023 · React, NestJS, PostgreSQL

- Built the website backend and handled DevOps.
- User authentication through **OAuth2**.
- Real-time Pong game, chat and matchmaking.

LANGUAGES

French: native

English: fluent

Spanish: intermediate

REFERENCES

Available on request