

Ivan Stepanian

Graduated high school at 15, engineering school at 20. A passionate problem solver, I strive to simplify, automate, help others, and create meaningful user experiences.

Experience

Freelance, Ivan Stepanian SIRET 98505510200018 Since January 2024

R, Python, Next.js, Expo/RN · EFREI, Greater Paris, France

- 5 missions completed with an average 5/5 rating, 100% satisfaction rate via Malt.fr
- Realized data analysis, lead generation & scrapping as well as full-stack missions
- Long-term collaboration with 2 clients to assist with product design & development

Founder, CEO, Okampus (Student Societies SaaS) May 2022 – January 2024

TypeScript, React, Next.js 14, NestJS, Tailwind, PWA, Kubernetes · EFREI, Part-Remote

- Created custom scraping tools for market studies & lead generation
- Managed a self-run business: legal, accounting, product design & architecture
- Launched a swipe-matching app to discover student societies (500+ impressions)
- Developed event, ticketing, accounting, member & grant management tools

Course Creator, Datadidacte (Teaching Platform) March – June 2021

Developer June – September 2021

Python, Docker, React, Scala, Machine Learning, PHP · Full-Remote

- Developed a Scala code executor, executing user code against expected tests
- Created programming course sequences to learn C, Python and Scala and Java
- Fixed major Docker RCE vulnerabilities caused by unsanitized user input

Founder, Tutor, Developer, Horizon (Non-Profit) April 2020 – September 2022

HTML, Sass, JavaScript, Vue3, Postgres, MikroORM · EFREI, Greater Paris, France

- Created an online platform helping 1500+ students with study and school life
- Founded and managed a 50+ members legal association with a 5K€ budget
- Personally gave 300h+ of teaching, tutoring and co-op coding

Consulting Engineer, BNP Paribas International Banking January 2019

Python, Excel, VBA · Greater Paris, France

- Performed an audit of workflows of the contract & reporting department
- Created a Python GUI solution to select Excel files and aggregate data
- Made a VBA script to fill Words from external data, saving 100s+ of man-hours

Full-Stack Engineer, Télécom Paris IT Department May 2018

Django, jQuery, MySQL, LDAP · Télécom Paris, Paris, France

- Developed and shipped a RFID card management interface with LDAP permissions
- Improved 5x the loading time of LDAP dashboards using Python best practices
- Managed an intern, organized brainstorming sessions and meetings

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Based in Paris, France

Open to work abroad or remote

Skills

Programming Languages

Scala, TypeScript, R, Python, C, Bash, Java, VBA

Web Frameworks & Tools

Next.js 14, React, Expo/React Native, Vue3, zod, Tailwind, Storybook, Firebase, Vercel, AWS S3, EC2, RDS, Lambda

Big Data & ML

Docker, Kubernetes, Azure MLOps, Postgres, MongoDB, Nginx, CI/CD, pandas, pyplot, Tensorflow, Keras

Best Practices

functional programming, accessibility, internationalization, serverless, general cybersecurity knowledge, ensuring code style & quality

Education

EFREI Engineering School

Computer Science, Big Data & ML Major 2017 – 2022 · Greater Paris, France

- Two-time class president
- Developed a Covid attendance tool for the school using Discord & Excel
- Organized a student body for the year 2021 with a team of 60+ members
- Treasurer of the international society and the school journal
- Winner of the school's CyberNight 2021, participated in a national competition

South East University (SEU)

2019 – 2020 · Nanjing, China

- Tutored students with English and Java
- Studied mandarin up to HSK2 level

Interests

product design & UI/UX, open source, cybersecurity (CTFs), geopolitics, macroeconomics, world history, philosophy, science & technology