

Vickneswaran Sharujan

SOFTWARE ENGINEER | FULL STACK DEVELOPER

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🐙 github.com/EzAroDev 🌐 <https://www.ezaro-portfolio.com/en/>

EDUCATION

Master's Degree in Computer Engineering (Minor in Cybersecurity)

Sept 2020 – Sept 2025

CESI Graduate School of Engineering | Nanterre, France

- Main courses: Software Development, Project Management, Machine Learning, Operating Systems, Computer Architecture, Algorithms, and Systems Security.

WORK EXPERIENCE

Full-Stack Developer (Angular, .NET, NestJS, Docker)

Oct 2022 – Sept 2025

Sixense Digital (Vinci Group) | Rueil-Malmaison, France

- Improved system stability and performance (+25% reliability) by ensuring corrective and evolutionary maintenance of a solution developed in **.NET Framework** and **Angular**, optimizing interactions with **SQL Server**, and automating deployments via **Docker**.
- Enhanced code quality and maintainability by actively participating in code reviews and defining development best practices (unit testing, CI/CD, Clean Code) on **backend** and **full-stack** projects, with rigorous tracking through **Jira** and continuous integration pipelines.
- Designed a connector enabling communication and data exchange between two solutions through a **React** interface connected to a **GraphQL API**, improving data consistency in **MongoDB** and reducing the bounce rate by 15%.

Full-Stack Developer (Next.js, NestJS, TypeScript, Python)

June 2024 – Sept 2024

Onoma AI | Seoul, South Korea

- Developed a **drag-and-drop** module for the **Tootoon AI** platform using **Next.js** and **Tailwind CSS**, enhancing UI flexibility and ergonomics, and reducing average task interaction time by 40%.
- Refactored the entire **WebtoonLike** website using **NestJS**, **TypeScript**, and **PostgreSQL**, strengthening the system's robustness, scalability, and maintainability for a smoother user experience.
- Experimented with **computer vision models** using **Hugging Face** for visual element classification in webtoons, improving AI model accuracy.

IT Consultant

Apr 2022 – Jul 2022

Sixense Digital (Vinci Group) | Rueil-Malmaison, France

- Evaluated and compared multiple front-end and back-end frameworks based on performance, cost, maintainability, and scalability, producing structured technical recommendations that guided the group's digital strategy.
- Designed and developed a complete **MVP** (web and mobile application) demonstrating the technical feasibility and added value of No-Code solutions for the group's digital transformation.

PROJECTS

KillerBee | *Source Code*

Next.js | **NestJS** | **TypeScript** | **SQL Server**

- Developed a secure **full-stack inventory management application** with authentication, user roles, and an admin dashboard.

EasySave

C++ | **OpenSSL** | **JSON**

- Developed an automated file backup and encryption application with a console interface and integrated logging.

SKILLS

Programming Languages: Python, Java, SQL, HTML5, CSS3, JavaScript, TypeScript, C#

Development Tools: AWS, Postman, Prisma, Supabase, Firebase, Git, Azure, Docker, Jira, Slack, Hugging Face

Frameworks / Libraries: Spring Boot, ReactJS, PostgreSQL, SQL Server, NextJS, VueJS, NodeJS, NestJS

Languages: French (native), English (advanced – C1), Spanish (intermediate – B1)