

Amitoj Nayar

Software Engineer Intern

Available from **March 1, 2027** for a **6-month internship**
Europe (Dublin or Paris preferred)

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EXPERIENCE

Software Engineer Intern

Sep 2026 – Present

ATLAND · Paris · Part-time (3 days/week)

Real estate investment and management group

- Building an **MCP server** backed by a **PostgreSQL** database, letting teams manage contact lists and events through an AI assistant

Software QA Intern (HPC)

Jun 2026 – Aug 2026

TotalEnergies · Paris

Global multi-energy company

- Improved the reliability and monitoring of a **Python** REST API running remote HPC simulation jobs
- Designed test suites validating API endpoints, file checksums and job submissions
- Built a real-time web dashboard, structured JSON logging and automated **MS Teams** webhook alerts for error reporting

Full Stack Developer Intern

Sep 2024 – Aug 2025

Travel Me · Paris

Remote heritage tours for isolated and reduced-mobility people

- Built the client platform with **Next.js** and **Firebase**: visit booking, history and schedules, and extra visit content
- Automated email notifications for visit updates and reminders

Python Tools Developer Intern

Jul 2023 – Dec 2023

PAX France Novelpay · Paris

Payment systems company

- Developed **Python** tools to simplify employees' daily tasks
- Wrote the user manual for a cash flow analysis application

PROJECTS

Merops | Go, Next.js, PostgreSQL, Docker

Epitech · Team of 6 · Since May 2025 · Private repository

- End-of-studies project: cloud storage migration and sync platform reducing vendor lock-in and supporting European digital sovereignty
- Worked on the frontend, API and CI/CD

AI-Generated Image Detection | Python, PyTorch, scikit-learn

DCU · Pair project · 2 months · [GitHub](#)

- Fine-tuned EfficientNetV2 + SVM classifier detecting AI-generated images
- Reached 0.908 F1

R-Type | C++, SFML, Asio, CMake

Epitech · Team of 5 · 2 months · [GitHub](#)

- Multi-threaded multiplayer R-Type clone with a custom ECS and a UDP binary protocol

EDUCATION

EPITECH

2022 – 2027

MSc Information Technology · Paris

Dublin City University

2025 – 2026

Exchange Year · Dublin

Machine Learning, Data Analysis, Data Visualisation

SKILLS

Programming

Python · TypeScript · JavaScript · C++ · C · Java (intermediate) · Haskell (intermediate)

Frameworks

Next.js · React · Flutter · Tailwind CSS · FastAPI · Flask

Tools

Git · Docker · GCP · Firebase · GitHub Actions · Linux · Vercel · Figma

LANGUAGES

French Native

English C1

Hindi B2 (spoken)

INTERESTS

Running · Violin · Cooking