

# Benjamin Desprets

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Results-driven 5th-year Software Engineering student at Epitech with Web, Mobile, Data Science, AI and Automation experience. A fast learner and passionate team player with a big picture mindset, keen to build innovative solutions. Bilingual (English, French) with excellent communication and interpersonal skills. Explore my interactive portfolio and live project demos at desprets.net.

## Experience

- Teiimo**Remote  
*AI & Data Science Engineer*Sep 2025–Ongoing
  - Architected and deployed an end-to-end AI pipeline, automating data ingestion, preprocessing, and feature engineering
  - Developed and trained the company's first machine learning models to detect anomalies in heart data
  - Built deep visualisation tooling to gain insight from complex biometric datasets
- ETH Investors Club**Remote  
*Web and Onchain Developer*Sep 2024–Apr 2025
  - Deployed and maintained an onchain article minting system generating \$150k+ revenue
  - Developed and updated the ethinvestorsclub.com website
- EssilorLuxottica**Créteil, FR  
*Robotic Process Automation Software Developer*Feb 2024–Aug 2024
  - Led a portfolio of automation projects aimed at optimizing processes and workflows
  - Built a system allowing brand operators to automate the application of discounts with trade partners
  - Developed internal tools enabling teams to surface automation opportunities and quantify their impact

## Education

- Epitech**Berlin, DE / Montreal, CA / Paris, FR  
*Master's in Software Engineering - International Track*2021–2026
  - Delivered 50+ diverse projects alone or in groups of up to 6
  - Organised and led AI and Web3 development workshops for 30 students
  - Mastered advanced software engineering, full-stack development, and production system architecture
- McGill University**Montreal, CA  
*Certificate in Management*2024–2025
  - GPA: 3.5 — focus on finance, mathematics, project management and strategic management
  - Developed practical business skills through real-world case studies, data-driven analysis, and team-based projects

## Projects

- Bedrock - bedrock.desprets.net**  
*Cross-platform Markdown editor*
  - Built an electron-based Markdown editor with a focus on UX and performance
  - Implemented full release CI/CD pipeline including apple notarization and auto-updater
- Fundamental**  
*The easiest wallet in the world!*
  - Founded and led a team of 5 to develop a user-friendly, mobile-first financial platform
  - Designed the app and wallet architectures, perfected UI/UX and deployed a custom ENS registry

## Skills

**Languages:** C, C++, TypeScript, JavaScript, Solidity, Python, Lua  
**Technologies:** React, React Native, Next.js, Tailwind, Three.js, Node.js, UIPath, Power Automate  
**Data & AI:** SQL, Pandas, NumPy, Ollama, OpenAI API, Gemini API  
**Cloud & DevOps:** Azure, AWS, Railway, Git, GitHub Actions, Jenkins, CI/CD, Docker  
**Blockchain:** Foundry, Hardhat, Viem, Ethers.js, OpenZeppelin  
**Soft Skills:** Project Management, Teamwork, Leadership, Adaptability, Client Relations