

# PHILIPPE LEDOIT

[ledoit.dev](https://ledoit.dev) [github.com/ledoit](https://github.com/ledoit) [linkedin.com/in/ledoit](https://linkedin.com/in/ledoit) [phil@menhir-holdings.com](mailto:phil@menhir-holdings.com) +353 083-082-0678

## PROJECTS

---

### Rust + TypeScript + Django + Tailwind + Vite + Ruby

- **Timelapse Creator:** High-performance video processing platform handling 4K@60fps
- **Developer Suite:** Code analysis engine processing 100000 lines in 2 seconds and delivering insights
- **Financial Dashboard:** Real-time market data processor securely handling 1000 points/sec
- **Content Platform:** Media optimization pipeline reducing load times by 70%, modern admin interface

### Java + Spring Boot + Azure + PostgreSQL + Docker + Cucumber

- **E-commerce Platform:** Scalable microservices architecture with distributed product catalog
- **Banking API:** Secure financial services with OAuth2 authentication, encrypted credential management
- **IoT Data Pipeline:** Live sensor data processing system with 10000-device capacity and live analytics
- **HR Management:** Enterprise employee management system with single sign-on integration

### AWS + Kubernetes + Python + FastAPI + Redis + Terraform

- **Microservices Platform:** Container orchestration with auto-scaling capabilities and 99.9% uptime
- **ML Pipeline:** End-to-end ML workflow with automated model training and scalable inference
- **Data Analytics:** Large-scale data processing platform with batch job scheduling, real-time query APIs
- **Serverless API:** Event-driven architecture with serverless functions and intelligent request routing

### C# + .NET Core + SQL Server + Azure DevOps + Entity Framework + xUnit

- **Enterprise CRM:** Customer relationship management system with RESTful APIs, relational database
- **Financial Reporting:** Automated reporting engine with complex calculations and data visualization
- **Document Management:** Enterprise file processing system with metadata extraction, version control
- **API Gateway:** Microservices gateway with intelligent routing, request caching, automated deployment

### Docker + Jenkins + Ansible + Prometheus + Grafana + ELK Stack

- **CI/CD Pipeline:** Automated build and deployment pipeline reducing release cycle times by 50%
- **Monitoring Platform:** Comprehensive observability stack with real-time metrics visualization
- **Infrastructure Automation:** Server provisioning and config management with automated scaling
- **Security Scanning:** Automated vulnerability detection with security gates, compliance checking

## EXPERIENCE

---

### Schwabinger IT – Entrepreneur

Sep-Dec 2024

- Built websites with inventory- and content-**update pipelines** for three companies and two individuals
- Cleaned and restructured 20000-record **relational databases** for clothing supplier of Austrian police
- Constructed 60-task **Agile scrum board** from client demands with assignments and deadlines

### Shell – Software Engineering Intern

Jun-Aug 2022

- Wrote and tested **pseudocoding nodes** for refinery plant safety automation platform (TS/Mocha/Chai)
- Stratified **permission-safe** edit functionality for geologist database visualizer of 30 oil wells (JS/ESRI)

### French Air Force – Airman (Cable Specialist)

2019-2020

- Deployed 200-**peripheral pipeline** and resolved cabling needs of 3500 and 2300 person airbases

## EDUCATION

---

### Boston University

2018 – 2024

- Bachelor of Arts in **Computer Science** and Statistics, Business minor
- Treasurer of B.U.I.L.D.S. (**Think Tank**) and Upsilon Pi Epsilon (CS Honors Society)