# Jean Hascoët

*IT Engineer*

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Birth date : November 21, 1992

*Lead / Full Stack Developer*

## Education

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|---|---|
| 2012–2015 | **Polytech Nantes**, *Graduate school of engineering in Computer Science, Software and Network*, *Nantes*, `www.polytech-nantes.fr`. <br> Graduate school of engineering of University of Nantes |
| 2010–2012 | **Two-year university diploma in Computer Science**, *IUT of Nantes*, `www.iutnantes.univ-nantes.fr`, *Nantes*. |

## Skills

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| **Programming** | Java, Python, Kotlin, Javascript, Typescript | **Frameworks** | Spring Boot, Angular, NestJS, React, FastAPI |
| **Libraries** | Reactor, RxJS, Apollo, NGXS, Pandas, React Redux | **Web** | RestAPI, WebSocket, Node.js, AWS, OAuth2, GraphQL |
| **DB** | MongoDB, MS SQL, PostgreSQL, Oracle | **Ops** | GitHub, GitLab, Gradle, Maven, Terraform, Jenkins, Kubernetes |
| **Other** | Kafka, RabbitMQ, Linux, Excel, Machine learning | **Languages** | French : native \| English : fluent |

## Work experience

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| 2023-03 to now | **Lead Developer**, *SNCF*, *Nantes, France*, `www.sncf.com`. <br> Training former railwayman to the web development profession and leading projects - Angular, Spring Boot, MongoDB, Kafka, Postgres, GraphQL <br> ○ Designing, developing and leading the real-time monitoring system for the new TGV-M. <br> ○ Designing, developing and leading the on-call system for SNCF Voyageurs. <br> ○ Anmating workshop with back to front technologies. |

2020-07 to **Full Stack Developer**, *Nibbio*, *Hong Kong then France since Jan 2023*.
2023-02 Developing and leading trading, analytics and monitoring tools in a cryptocurrency HFT firm - Angular, Spring Boot, NestJS, Node.js, AWS, MongoDB
- Trading tools to hedge delta, transfer cryptocurrency, pass an order, see real time trades, etc.
- Monitoring tools to deploy, rollback, display logs and status from a web UI.
- Analytic tools to aggregate, display and update reports dynamically through a web UI with a python editor.
- Execution tools to pass orders with different strategies on CEX and DeFi.
- Trading and analytics tools on DeFi/web3 by providing portfolio management, PnL vizualisation, transaction automations, etc.
- Trading algorithm implementations and support

2020-03 to **Software Engineer**, *BFAM*, *Hong Kong*, `www.bfam-partners.com`.
2020-06 Developing RFQ message based pricer through symphony chats between sales and traders in a hedge fund - Spring Boot, React, FastAPI

2016-09 to **Front Office Developer**, *Société Générale*, *Hong Kong*, `www.cib.societegenerale.`
2020-02 `com`.
Developing tailor made load balancing microservices for equity derivatives desks in agile methodology with continuous integration and delivery - Java, Kotlin, SpringBoot, AngularJS, Jenkins
- Building from scratch a system centralizing corporate actions and transcodifications, with historic, from different sources with the use of batch applications.
- Developing pre-trade and post-trade tools for exotic products. Creation of RFQ/RFE orchestrators routing to the right pricing/execution/booking system according to the request (Spring State Machine).
- Historical market data analysis tool created from scratch (worldwide app), based on NLP with a search bar. The user can search for a market data (e.g. "vol 110% 3m nky - 90%") and plot a graph with a python editor generated so that he can edit the code and compute/plot whatever he wants from it by using, for example, pandas library.
- Volatility/dividend/repo marking tool. Volatility traders can add stocks and compute volatilities/repos/dividends with various kind of algorithms created by quant, visualize graphics, adjust parameters and insert data in global systems.

2015-09 to **SAP Functional Consultant**, *Accenture*, *Nantes*, `www.accenture.com`.
2016-08 Working for a public service company and maintaining its SAP finance system.
- Direct communication with the customer.
- Understanding of use cases and transforming them into logical and technical views.
- Managing deliveries and transferring the know-how to the customer.

## Interests

Sports  Rowing, badminton, hiking, karting, sailing
Other  Astronomy, travelling