Mathilde Lannes

Senior frontend engineer focused on building and designing digital experiences that are fast, accessible and easy to use.

mathilde.lannes@gmail.com
Paris, France
github.com/mathilde-lannes
mathilde-lannes.github.io

Relevant Experience

Senior front-end engineer · **Institut du Cerveau** Apr 2024 — Present

- Own the full mobile ecosystem: architecture, development, testing, deployment, maintenance, and continuous improvement.
- Ensure technical consistency across web and mobile: guide frontend development, make technical trade-offs, and rationalize existing systems; strong focus on automation to simplify work for the whole team.
- Review frontend code and step in on complex problems; develop all mobile features.
- Shape requirements early through UX workshops, mockups, and specs, combining UX expertise and domain knowledge to deliver the right technical solutions.

Front-end engineer · **Institut du Cerveau** Sep 2021 — Apr 2024

- Designed and developed web and mobile apps with React, React Native and Node.js; facilitated UX workshops.
- Managed company App Store and Play Store accounts.
- Trained trainees on Git and actively participated in the internal Dev Club.

Front-end engineer · **Thales** Sep 2019 — Aug 2021

- Developed an Android package-management app in Java and Kibana plugins with React and Node.js.
- Managed part of a project in a product-owner-like role.
- Developed a React web app with machine-learning components for chemistry.

Apprentice front-end developer · **Synapse** Oct 2018 — Sep 2019

- Developed NLP apps with Vue and Python; co-wrote and presented a research paper at a national conference.

Apprentice full stack developer · **GeometricPLM** Aug 2017 — Sep 2018

- Developed an NLP parser with Node.js and Express, and a PDF semantic annotation app with React, Scala and GraphDB.
- Built a natural-language smart assistant with Ionic, Angular 4, Scala and GraphDB, and machine-learning semantic components with spaCy.

Front-end intern · **IRIT** Apr 2017 — Jun 2017

- Developed an Angular 2 natural-language question/answer web app; co-wrote a research paper on NLP.

Skills

Programming Languages

JavaScript, TypeScript, HTML, CSS, Python, Java

Libraries & Frameworks

React, React Native, Expo, Next.js, Node.js, Tailwind CSS, Elastic UI, Styled Components

Tools & Platforms

Git, GitLab, App Store, Play Store, Kibana, Docker, Figma

Project highlights

Moodeling

Mobile app for daily longitudinal mood monitoring in clinical research on mood disorders; 400+ users.

TraumaCare

Mobile app for PTSD screening, care, and follow-up, built with the ICM Care Lab and Paris CUMP; public prize at Congrès de l'Encéphale.

Education

GOBELINS Paris

UX Design — methodology and practice
2023

Université Toulouse — Jean Jaurès

Master, Collaborative Computing in Enterprise
2017 — 2019

Université Toulouse — Jean Jaurès

Bachelor, Mathematics and Computer Science
2014 — 2017

Interests

Knitting, sewing, climbing and reading