

# BENOIT TOUSSAINT

## FULL-STACK DEVELOPER

### CONTACT

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📍 Troy, MI

### EDUCATION

#### DIPLÔME D'INGÉNIEUR IN HEALTH INFORMATION TECHNOLOGY ENGINEERING

Polytech Grenoble, France (equivalent to a **US Master's Degree**, CTI-accredited)  
Graduation : 2021

##### Relevant Projects:

- **Development** of computerized patient records in a Hospital Information System (HIS).
- **Design and writing** of educational materials for digital signal processing in **Python**.
- **Analysis of documentation** and **QMS** for the compliance of a medical device.

#### INTEGRATED PREPARATORY PROGRAM IN MATHEMATICS AND COMPUTER SCIENCE

University of Grenoble, France | 2016 - 2018

- Highly selective program integrated into a 5-year engineering curriculum leading to a Master's Degree equivalent.

### SKILLS

- Languages: Java, TypeScript, Python, SQL, HTML/CSS
- Frameworks: Vue.js, JUnit
- Databases: MySQL, Oracle
- Other Tools: Git, Jenkins, Jira

### LANGUAGES

- **English:** Advanced proficiency (Linguaskill C1+)
- **French:** Native speaker
- **Spanish:** Basic proficiency

### PROFILE SUMMARY

Full-stack developer with over 3 years of professional experience in **Java**, **TypeScript**, and **Vue.js**, currently strengthening expertise in **React.js**. Skilled in building dynamic web applications, integrating front-end frameworks with scalable back-end solutions. Strong foundation in **JavaScript**, **HTML**, **CSS**, and **API interactions**, with a focus on clean, maintainable code. Quick learner, adaptable, and eager to contribute to innovative digital projects.

### WORK EXPERIENCE

#### FULL-STACK DEVELOPER

October 2021 - April 2024

Maincare (Bordeaux, France)

- **Designed and implemented** a new paper archives management system, reducing retrieval time.
- **Maintained and refactored** hospital complementary examination software, ensuring system reliability and reducing bugs.
- Collaborated with **Agile team** members to groom backlogs and deliver biweekly updates for healthcare software.

#### WEB DEVELOPMENT APPRENTICE

August 2020 - October 2021

Maincare (Grenoble, France)

- **Developed** a hospital activity data collection system using Java, enhancing data accuracy.
- Worked on integrating databases and backend logic to streamline workflows for healthcare administrators.

#### WEB DEVELOPMENT INTERN

June 2020 - August 2020

Maincare (Grenoble, France)

- Assisted in the development of user-friendly dashboards for healthcare activity analysis using Java.
- Gained experience in testing and debugging software to ensure smooth deployment.

### ADDITIONAL EXPERIENCE

#### TREASURER, STUDENT UNION

October 2021 - April 2024

Polytech Grenoble (France)

- Managed a €400,000 budget, ensuring efficient allocation of resources for student activities and events.