LUCIE YE

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SUMMARY

Versatile **Full-stack Developer** with **double master's degree** in Software Eng. & Web Devt (USA & France). Reduced devt cost: automated **Java** integration tests. Delivered **Spring Boot** web application **25% ahead of schedule**: led **agile team** as **Product Owner** to fulfill all **86 user stories**. Designed & implemented **3 Next.JS** websites **within 2 weeks**.

PROFESSIONAL EXPERIENCE

JAVA DEVELOPER – *adesso insurance solutions GmbH, Cologne, Germany*   AUG 2022 – NOV 2022
- Reduced cost per product release: **automated integration tests** with **3 software engineers**.
- Tested **6 modules on 3 Docker images** with JBoss and SQL databases **within 3 weeks**.
- Updated a **Docker image**'s JBoss application server and PostgreSQL database within a timeframe of 8 hours for a **customer request**.

WEB APPLICATION ABERHONDDU – *ESEO, Angers, France*   FEB 2023 – JUN 2023
- Led **agile team of 7** as **Product Owner** for **3 Sprints in 12 weeks**, delivering **25% ahead of schedule**.
- Fulfilled **86 user and tech stories** to design and implement the **Spring-based web application**.
- Designed and developed 3 components: user authentication (**Spring Security** within 3 days), automated web testing (**Selenium**), and optimized database calls on 3 tables (**JPA**, **Hibernate**).
- Reviewed, debugged, and cleaned **100% of code quality issues** detected by **SonarQube**.

SKILLS

- **PROGRAMMING LANGUAGES:** Java | JavaScript (ES6+) | TypeScript | Python | SQL queries| UML
- **FRAMEWORKS:** React.js| Next.js | Express.js | Angular | TailwindCSS | Spring Boot | Selenium | Agile Scrum
- **TECHNOLOGIES & TOOLS:** HTML | CSS | Database | Rest API | Git version control | GitHub | GitLab | Jira
- **LANGUAGES:** English | French | Chinese

EDUCATION

Illinois Institute of Technology, Chicago, IL   EXPECTED MAY 2024
Master of Information Technology and Management, Web Design and Application Development | GPA 4.0/4.0
Notable Coursework: *Full-Stack Development, Front-end Development, Back-end Development, Web Application Foundations, Web Systems Architecture, Software Development Lifecycle, Business Innovation, Human-Computer Interaction*

ESEO Graduate School, Angers, France   JUN 2023
Master of Engineering, Software development and Database Management | GPA 3.7/4.0
Notable Coursework: *Object-Oriented Software Development, Java Development, Software Testing, Relational Database, Spring Boot RESTful API, Agile methodologies, Creativity and Entrepreneurship*

PROJECTS

PORTFOLIO
JS, Next.JS, Frame Motion, TailwindCSS

Programmed a website with minimalist aesthetic and streamlined user interface.

3D HOME WEBSITE
JS, React.JS, Next.JS, Spline

Developed an interactive website with an embedded 3D home, and interactive controls for the user.

AI PDF SUMMARIZER
Python, ChatGPT OpenAI Turbo 3.5 API

Implemented an AI PDF summarizer applying software architecture best practices.

VOLUNTEER EXPERIENCE

PEDRO CO-FOUNDER – *Les Entrep', Angers, France*   OCT 2021 – MAR 2022
- Conceived PeDro, a **drone kit** with a focus on **scientific popularization** for children, **within 6 months**.
- Pitched at a forum by presenting **market research** and **business model canvas**.

ESEONI PRESIDENT – *ESEO, Angers, France*   SEPT 2021 – JUNE 2023
- Led **21 students** to organize **13 culturally enriching events** over **2 years**.