

BRENDA RAMIREZ SANTILLAN

COMPUTER ENGINEER

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PROFESSIONAL SUMMARY

Final-year computer engineering student, specialized in information systems and digital project management. Seeking a permanent position to apply skills in information systems architecture, project management, and the development of collaborative tools.

EXPERIENCE

APPRENTICE IN ARCHITECTURE ENGINEERING CAISSE NATIONALE D'ASSURANCE MALADIE

📍 Angers, France

📅 Sept. 2022 – Present

Project: Implementation of a Videoconferencing System (2025)

- Project planning and monitoring using **MS Project**
- Integration of business rules and solution modeling (activity and sequence diagrams)
- Creation of mockups to support communication with the business team (MOA) and developers
- Implementation of real-time dashboards and metrics visualization with **Grafana**

Skills: MS Project, Grafana, project management, analytical and synthesis skills, discreet leadership, modeling, UX design, collaborative tools

Project: Study of Collaborative Solutions for the Network Department (2024)

- Conducted interviews with teams to gather functional requirements
- Analyzed existing tools, compared solutions: **SharePoint, Jamespot, Interstis, Nextcloud**

Skills: SharePoint, Jamespot, Interstis, Nextcloud, active listening, functional analysis, change management

Project: Implementation of Nextcloud as a Cloud Collaboration Solution (2023–2024)

- Drafted use cases and compared on-premises vs. cloud-based solutions
- Testing and validation of deliverables (scripts, architecture documentation, installation and operation procedures)
- Produced training videos with **Camtasia** and conducted awareness sessions on two-factor authentication

Skills: Camtasia, technical and functional analysis, pedagogy, security

Project: Network Load Optimization via Shared Links (2022–2023)

- Analyzed email flows related to file attachments
- Developed a **Python** program to estimate network and storage savings using multiplier coefficients (ROI approach)
- Produced training videos and awareness campaigns on two-factor authentication

Skills: Python, LDAP, automation, ROI calculation, user awareness

EDUCATION

MASTER'S IN COMPUTER ENGINEERING (WORK-STUDY PROGRAM)

CNAM/ITII PICARDIE/PROMEO

📍 Beauvais, France

📅 Sept. 2022 – Present

Degree: Ongoing

BACHELOR OF SCIENCE AND TECHNOLOGY, COMPUTER ENGINEERING

UTC

📍 Compiègne, France

📅 Sept. 2019 – Dec. 2021

Degree: Completed

UNIVERSITY PROJECTS

APPLICATION DEVELOPER

UNIVERSITÉ DE TECHNOLOGIE DE COMPIÈGNE

📍 Compiègne, France

📅 Sept. 2021 – Jan. 2022

Project: Development of a Sign Language Application

- Conducted qualitative studies (user behavior) and quantitative studies (market segmentation)
- UX/UI design with Figma and implementation using **HTML, CSS, React Native**

Skills: HTML, CSS, React Native, Figma, UI design, user research, mobile development, teamwork

SKILLS

Hard skills

- **Languages:** Java, Python, C/C++, Assembly, Lisp, VBA
- **Web:** HTML, CSS, JavaScript, PHP, Django, XML
- **Frameworks:** React JS, Angular, Node JS, Bootstrap, Qt
- **Databases:** MySQL, SQL

Soft skills

- **Cognitive skills:** Analytical and synthesis mindset
- **Interpersonal skills:** Discreet leadership, active listening
- **Change management and training:** Change management, user awareness, pedagogy

LANGUAGES

- **Spanish** (native)
- **French** (bilingual)
- **English** (B2)