SKILLS SHEET - Joao Takada

Company/Client: Craft3d Chile Period: 02/2023 - 10/2023

Context:

- Project: Craft3d Chile store
- Role: E-commerce for 3D printed products Project(s):
- Objectives: Design and implement the website with integration to getnet payment system
- Team: Client, Graphic Artist, Backend Consultant, External Support (payment and shipping platforms) Position/Role: Designer + Fullstack Developer Tasks/Responsibilities:
- Design a responsive website and its maintainers for inventory management
- Client and administrator portals Results Achieved:
- Complete site design according to client needs.
- Frontend for home, product, category, and cart views
- Endpoints for products and categories Technical Environment:
- Language: Javascript (React), Python (Django), NodeJs,
- Methodology: Waterfall
- Other Technical Details: Several Python scripts were created to standardize and facilitate the process of uploading product images to the catalog for the client. Factual/Quantifiable Elements:
- Design process completed in approximately 6 weeks with bi-weekly deliveries and weekly meetings
- Frontend completed in 8 weeks, with 80% coverage with unit tests
- Backend completed in 10 weeks of development

Company/Client: Grafica Vision / Bci Period: 07/2020 - 02/2021

Context:

- Project: (Cyber Trivia Android) Interactive Android Application Quiz
- Role: Teaching cybersecurity at work to Bci employees Project(s):
- Objectives: Development of an application for internal distribution within the corporation through the Google Play platform with login against federated accounts
- Team: Audiovisual Producer, Level Designer, Audio Engineer, Backend Developer, Frontend Developer Position/Role: Project Lead + UI Designer Tasks/Responsibilities:
- Define and communicate project objectives, scope, and planning.
- Coordinate and supervise project team activities, ensuring deadlines are met and quality is maintained.
- Manage project resources and budget.
- Identify, analyze, and mitigate project risks.
- Facilitate communication between stakeholders, the development team, and other interested groups.
- Monitor and report project progress to stakeholders and the team.

- Create intuitive, attractive, and functional user interfaces.
- Develop wireframes, mockups, and prototypes to communicate design ideas.
- Collaborate with users and stakeholders to understand and capture design requirements.
- Ensure designs comply with accessibility and usability guidelines.
- Create and maintain style guides and design libraries to ensure consistency throughout the application.
- Participate in research and development of new techniques and tools that may improve the design and development process. Results Achieved: Effective Education:
- BCI employees acquire important knowledge about cybersecurity that helps them understand and mitigate cyber risks in their daily work. User Engagement:
- High participation rate and recurrent use of the application, indicating that employees find the application engaging and educational. Positive Evaluations:
- Positive feedback and high ratings from users regarding the utility and usability of the application. Successful Development and Deployment:
- Successful development and launch of the application within the agreed timeframe and budget. Continuous Updates and Improvements:
- Implementation of updates and improvements based on user feedback and identified needs. Technical Environment:
- Language: C# + Unity FrontEnd, NodeJs, Firebase auth, database and functions API
- Methodology: Agile Scrum
- Other Technical Details: Authentication against federated accounts @bci.cl using Google's OAuth2 API, complete content of the application can be updated through web maintainers without the need for APK updates Factual/Quantifiable Elements:
- The project had 4 weeks of pre-production where characters, planning, and frequency parameters of deliverables and methodologies were developed.
- APK development was completed within 10 weeks with 2 weeks of corrections, quality goals and responsibilities of the collaborators were met.

Company/Client: Grafica Vision / Bci Period: 03/2021 – 04/2023

Context:

- Project: (Cyber Trivia WebApp) administration site for the application
- Role: Design and implementation of Frontend for the administration site Project(s):
- Objectives: Development of an administration site responsible for updating application content, scoreboards, and various types of reporting Position/Role: Project Lead + FullStack Developer Tasks/Responsibilities:
- Realize the client's vision for the administrative site with their content creation and app usage and user reporting needs. Results Achieved:
- Maintainers capable of administering APK content without client updates.
- Compliance with all deadlines, deliverables, and corrections
- Maintenance service and improvements for 2+ years. Technical Environment:
- Language: Vue.js, NodeJs, Python, Firebase auth, database and functions API
- Methodology: CI/CD TDD

- Other Technical Details: automation scripts were implemented for data import and export such as quiz questions and reporting, pentest processes and security evaluations were conducted. Factual/Quantifiable Elements:
- The project had 6 weeks of development to launch the initial version and subsequently provided maintenance and updates for 2 years where several optimizations and performance and reporting improvements were made to the service.
- 60% of the code covered by automated tests.

Company/Client: Bidata / Medicien Period: 10/2020 – 10/2020

Context:

- Project: Medicien administration portal login
- Role: Design and Frontend development of the Medicien.cl administrative portal login screen Project(s):
- Objectives: Design and implement a functional login that integrates with administrators
- Team: Project Lead, Project Supervisor, Backend Consultant Position/Role: Designer + Frontend Developer Tasks/Responsibilities: Design and development of the Login following design sheet codes and corporation guidelines. Results Achieved:
- Functional login implemented with unit tests. Technical Environment:
- Language: Javascript (React), NodeJs, Jest
- Methodology: Agile Scrum
- Other Technical Details: all main functions and rendering covered by unit tests, password reset system implemented Factual/Quantifiable Elements:
- Design and implementation process completed in 2 weeks

Company/Client: Bidata / Sodimac Period: 05/2019 - 09/2019 Context:

- Project: Refactoring of the audit area administrative portal (Audistock)
- Role: Refactor Frontend from C# .net to Javascript (Vue.js.) Project(s):
- Objectives: Migrate and modernize the Frontend project from .net to javascript while preserving functionality and look & feel
- Team: Project Lead, Project Supervisor, QA Engineer Position/Role: Frontend Developer Tasks/Responsibilities:
- Evaluate the current code structure in C# and understand the business logic.
- Identify dependencies and libraries used in the original project.
- Establish a project plan and schedule, milestones, and deliverables
- Prepare and execute the deployment of the project, refactored and ported. Results Achieved:
- Maintainable and Scalable Code
- Preserved Functionality
- Complete and updated technical documentation with information on the system architecture Technical Environment:
- Language: Javascript (Vue.js), NodeJs, Jest

- Methodology: Agile Scrum
- Other Technical Details: automated tests were implemented and code documentation was provided, performance and accessibility were improved Factual/Quantifiable Elements:
- The porting process was completed in 16 weeks for 10 project views
- 80% of the code covered by automated tests.