

Alexander Sanchez Cyril

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PROFESSIONAL SUMMARY

Results-driven Software Engineer with a strong foundation in full-stack development and backend systems. Experienced in building web and desktop applications with technologies like Python, Django, JavaScript, Node.js, React, Next.js, Typescript, Electron, Go and C#. Skilled in using PostgreSQL and MongoDB for data management, with additional experience in intelligent automation, and CI/CD pipelines, Squash. Comfortable working across the entire development lifecycle. Committed to delivering scalable, maintainable, and user-focused software solutions.

Skills

- C#, Python, JavaScript, TypeScript
- Django, Node.js, Next.js, Git, GitHub Actions
- React, Tailwind CSS, Electron, ESLint
- Scikit-learn, TensorFlow, OpenCV, PyTorch
- PostgreSQL, MySQL, MongoDB
- RESTful API Development, CI/CD Pipeline, MySQL, SQLite, Matplotlib, Pandas, Squash
- Automation, Docker, NumPy, Azure, AWS

Projects

Independently planned, designed, and developed several full-stack and desktop applications, including:

- 1. AI Builder:** A developer tool that accelerates app creation through smart code generation, reusable templates, and automated documentation—reducing build time without sacrificing quality.
- 2. Universal Time:** A real-time world clock app with global time zone support, built for developers to integrate its public API into their own software and projects.
- 3. Artisans Handcraft:** A full-featured e-commerce platform for handmade product sales
- 4. Code Analyzer Studio:** A desktop tool built for developers to visualize and explore the structure of their codebase. It includes four specialized modules:
 - **Standard Structure** - displays the full project directory structure.
 - **Code Snippets** - shows the directory structure alongside selected lines of code specified by the developer.
 - **Full Code Display** – reveals the entire project structure and code content within each file and subfolder for in-depth analysis.
 - **Selective Structure** – combines all features, allowing developers to selectively navigate and inspect specific directories and files, forming a dynamic, tree-like view tailored to their analysis needs.
- 5. Advanced AI Web Scraper Pro:** An AI-powered desktop scraping tool that lets users define how website content should be extracted. It supports custom scraping rules, including the ability to collect images based on user specifications.

Explore all projects: <https://www.alexandercyril.xyz/portfolio>

Education

Bachelor of Science (B.S.) in Software Development
Brigham Young University - Idaho
(In Progress).

2023