

Alexander Sanchez Cyril

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PROFESSIONAL SUMMARY

I am a results-driven Software Engineer with a strong foundation in full-stack development and backend systems. I have extensive experience creating web and desktop applications using a variety of technologies, including Python, Django, and JavaScript. My skills extend to intelligent automation and CI/CD pipelines, making me comfortable across the development lifecycle. I am committed to delivering scalable, maintainable, user-focused 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

Achievement

Project Development

- Developed innovative tools such as AI Builder and Advanced AI Web Scraper Pro, to help developers boost productivity by automating repetitive tasks and accelerating delivery timelines.
- Created personal development utilities that improved workflow efficiency by reducing setup time, enhancing code reusability across projects, and streamlining the process of starting and maintaining new applications.
- Created developer-friendly apps with integrated APIs, including Universal Time a global clock platform with a public developer API for seamless time zone integration in third-party applications.
- Streamlined deployment and testing workflows by integrating Docker for containerized environments, setting up CI/CD pipelines with GitHub Actions, and automating User Acceptance Testing (UAT) using Squash, resulting in faster feature validation and more reliable production releases.

Projects

Various Full-Stack and Desktop Applications

09/2024 - 2025

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

- AI Builder: A developer tool for accelerated app creation with smart code generation and automated documentation
- Universal Time: A real-time world clock app with global API integration options for developers
- Artisans Handcraft: A full-featured e-commerce platform for handmade products
- Code Analyzer Studio: A desktop tool with modules for visualizing code structure and detailed analysis capabilities
- Advanced AI Web Scraper Pro: AI-powered tool for flexible website content extraction based on custom rules

Education

Bachelor of Science (B.S.) in Software Development
Brigham Young University – Idaho – 2023–Present

(In Progress).

Certifications

Certificate in Web and Computer Programming
Brigham Young University – Idaho

2024