

SUMMARY

Full Stack Developer and Automation Specialist with over 1.5 years of experience in Python, JavaScript, and TypeScript. Proficient in building and scaling applications using frameworks such as Django, Flask, React, and Next.js, and experienced with database management through Airtable, Supabase, and MongoDB. Adept at creating HubSpot CMS websites, automating workflows between HubSpot CRM and Microsoft SQL Server, and leveraging tools like Make.com and Tray.io for seamless integrations. Expertise includes developing diagnostic workflows powered by AI, designing custom modules for HubSpot CMS, and serving as the lead developer for high-profile projects like Cirly. Strong background in curriculum design, teaching coding fundamentals, and mentoring students. Contributed to projects like Majdaya Relay API and Gift.mu, collaborating with cross-functional teams to deliver high-quality, scalable solutions.

CERTIFICATIONS

- Python and JavaScript Bootcamp Certificate
- HubSpot Api Integration 1
- HubSpot CMS
- HubSpot Data Architecture
- HubSpot SEO
- HubSpot Marketing
- Make Certification Level 1, 2, 3, 4

SKILLS

- Languages: Python, JavaScript, TypeScript
- Frameworks & Libraries: Django, Flask, React, Next.js
- Databases: Airtable, Supabase, MongoDB
- APIs & Automation: Make.com, Tray.io
- Tools: Git/GitHub, VS Code, Postman
- Technologies: HTML/CSS, Responsive Design, RESTful APIs
- Soft Skills: Problem Solving, Communication, Adaptability

EDUCATION

Open university

BSc Computer Science Programming
July 2024 - Dec 2024

HSC - Samputh College

GCE A Computer Science
2018 - 2022

Developers.Institute Mauritius

Python and JavaScript Bootcamp
2022 - 2023

Polytechnic

Diploma in information technologies
2024 - 2027 (expected)

PROFESSIONAL EXPERIENCE

Full Stack Instructor | Full-Time | July 2023 - Nov 2024
Developers.Institute Mauritius/ Bonsai Camp Ltd

- Taught Coding Fundamentals: Delivered comprehensive courses for beginners in Python, JavaScript, Object-Oriented Programming (OOP), React, Django, Flask, SQL, and Database Management.
- Designed Curriculum: Utilized the institute's platform to create engaging lesson plans, assignments, and projects to introduce students to key programming concepts and practical applications.
- Student Support: Provided mentorship through one-on-one sessions, offering guidance on coding challenges, debugging, and best practices. Achieved a 90% student satisfaction rating for teaching effectiveness and course content.

Backend Developer | Full - Time | Sept 2023 - Nov 2024
Digital Bonsai Ltd

Key Projects & Responsibilities:

- High-Profile Projects: Played a pivotal role in delivering several notable projects, including Majdaya Relay API, Gift.mu, Island Escape, and Lingo. Contributed across both front-end and back-end development, improving performance and adding new features.
- Full Stack Development: Involved in the complete software development lifecycle, from implementing user-facing features to optimizing back-end processes. Focused on bug fixing, performance enhancement, and feature development to deliver high-quality applications.
- API Development: Designed and built scalable and robust RESTful APIs for the Majdaya Relay API project, ensuring efficient communication between system components and smooth integrations.
- Automation Solutions: Created and deployed automation systems that streamlined Developer Institute's application processes, significantly enhancing operational efficiency and reducing manual work.
- Cross-Functional Collaboration: Worked closely with teams of front-end developers, designers, and project managers to align technical solutions with project goals, ensuring timely delivery and a cohesive user experience.
- Code Quality & Best Practices: Ensured high standards of code quality by following best practices in code review, testing, and documentation. Contributed to long-term maintainability and success of projects.

Tech Stack:

- Front-end & Back-end: Next.js, NodeJS
- Databases: Supabase, MongoDB, Airtable
- Automation Tools: Make.com

PROFESSIONAL EXPERIENCE

Backend Developer | Full - Time | Sept 2023 - Nov 2024

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Key Responsibilities and Achievements

- Lead Developer for Cirly Project: Spearheaded the development of the Cirly project on HubSpot CMS, managing module creation, responsive design, and ensuring alignment with client branding standards and objectives.
- HubSpot CMS Development: Designed and built custom HubSpot CMS modules and templates to deliver responsive, user-friendly websites tailored to client requirements.
- HubSpot CRM Automation: Automated workflows between HubSpot CRM and Microsoft SQL Server, streamlining data synchronization and minimizing manual data entry.
- AI Diagnostics: Leveraged Make.com to create diagnostic workflows integrating AI-powered processes for enhanced business insights and operational efficiency.
- Automation Workflows: Developed and deployed comprehensive automation solutions for diverse business operations, reducing overhead and boosting productivity.
- API Integration: Engineered and implemented robust API integrations, ensuring seamless data exchange between HubSpot and other platforms to enhance system interoperability.
- Collaboration: Partnered with cross-functional teams, including front-end developers, designers, and stakeholders, to align technical solutions with project objectives and deliver high-quality results.
- PDF and Document Generation: Delivered a project for Sergic using Carbon.io to automate the creation of PDF documents by extracting and processing data from HubSpot CRM.

Tech Stack

- Languages & Frameworks: TypeScript, Express.js
- Platforms & Tools: HubSpot CMS, HubSpot CRM, Make.com, Tray.io and Carbon.io
- Databases: Microsoft SQL Server, Supabase, Airtable

Freelance Part-Time | July 2023 - Sept 2023

Self-Employed

- Automation Developer | Developer Institute
- Process Automation: Streamlined organizational operations by designing and implementing customized workflows, improving efficiency and reducing manual tasks.
- Airtable Integration: Managed and optimized Airtable databases, ensuring smoother data tracking and retrieval processes for various departments.
- Glide Applications: Developed intuitive, no-code mobile applications using Glide, enhancing engagement for both staff and students and improving internal communication.
- Discord Bot Developer
- User Management Automation: Created a custom Discord bot with Discord.js to automate user interactions and streamline server moderation tasks.
- Content Moderation: Automated content moderation processes, reducing manual oversight and improving the efficiency of server management.
- API Integrations: Enhanced bot functionality by integrating external APIs, automating repetitive tasks, and creating a more dynamic user experience.

Personal Projects | January 2023 - Present

Self-Employed

- Personal Projects & Development:
- Game Development: Designed and developed engaging 2D games using Pygame and C# for desktop platforms, honing skills in game mechanics and interactive design.
- Game Engine Prototyping: Gained practical experience with Unity and Unreal Engine by building prototypes, expanding knowledge of game design principles and 3D development.
- Mobile App Development: Developed mobile applications with React Native, focusing on the core principles of mobile development, including responsive design and cross-platform functionality.
- Automation Skills: Self-taught automation techniques using Airtable and Make.com, applying them in personal projects to improve workflow efficiency and experimentation.
- Custom Plugins: Developed a custom plugin for Obsidian, enhancing productivity and streamlining note-taking workflows for personal use.
- Discord Bot Development: Built a custom Discord bot to automate server moderation, enhance user engagement, and integrate external APIs for added functionality.
- Tech Stack:
- Languages & Tools: Pygame, C#, Unity, Unreal Engine, React Native, Airtable, Make.com, Obsidian, Discord Bot.