

TIM BRANSON

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My name is Tim Branson. I am a long-time technology enthusiast, Web3 tinkerer, business owner, and content creator. I am passionate about using my experience and skills to make better solutions to age-old problems by thinking outside the box and providing answers that optimize flow, minimize upkeep, and maximize user experience and ease of access.

Education

June 2023 – present
Cambridge, USA

Massachusetts Institute of Technology (MIT)
Professional Certificate Program: Innovation and Technology

December 2024 –
present

Western Governors University 
Cybersecurity and Information Assurance
Currently Pursuing My Batchelors Degree

Professional Experience

March 2024 – present

IT Security Analyst
Groupe Stahls 

As an IT Security Analyst, I specialize in safeguarding organizational cyber environments through meticulous risk assessments, vigilant monitoring of network traffic, and the implementation of effective security measures. My expertise encompasses identifying vulnerabilities, preventing unauthorized access, and responding to security breaches with swift, decisive actions. With a robust understanding of various security frameworks and regulations, I ensure compliance while optimizing operational efficiency. My role is pivotal in developing security policies and protocols that protect sensitive information from emerging threats. Through continuous learning and leveraging cutting-edge technologies, I aim to fortify defenses and foster a culture of cybersecurity awareness within the organization. My dedication to the field is driven by a passion for technological innovation and a commitment to maintaining the integrity and confidentiality of digital assets.

November 2021 –
March 2024
Gila County, USA

IT Systems Administrator **Gila County**

Designs, tests, evaluates, manages, maintains, and ensures effective operation of information technology systems. Performs a wide range of duties relating to networking, hardware and software, databases, contact with customers, vendors, and suppliers, user training, and serves as the single point of contact with Tyler Technologies New World ERP Systems software provider.

Other duties include:

- Problem analysis/troubleshooting, system monitoring and administration of the Tyler New World ERP Software while working with consultants to develop and implement Finance to Treasurer data interfaces.
- Implements and maintains ERP modules and provides user training.
- Manages system backup functions, designs and implements disaster recovery plans for operating systems, databases, networks, servers, and software applications.
- Installs and maintains SQL database servers.
- Distributes and monitors server storage space allotments, sets up Active Directory, related policies, security, and scripting.
- Provides support for various hardware, software, and equipment issues and problems as well as service or maintenance for server equipment and systems.
- Implements and manages new IP phone systems and attendant consoles.
- Conducts network asset management functions, including maintenance of network component inventory, analyzes system/application usage, recommends, schedules, and performs software improvements.
- Manages adding and removing user accounts in all areas of the network; develops, implements, and maintains technology policies and training for end users.
- Reviews, edits, and provides recommendations on department level budget and initiates, communicates, reviews, and approves project resources involving technology projects.
- Serves as liaison and administrator for users in Superior Court and Justice court for the Supreme Court of Arizona.
- Implements upgrades and support for all software involving dispatch and emergency services for the Gila County Sheriff's Office.
- Supports software and upgrades for Gila County Engineering Department including floodplain radio data transmission and GIS.

-Administrates all local VMware and Veeam servers and their respective uses in backup and virtualization technologies.

December 2021 –
present
Grand Rapids, USA

Chief Technical Officer (CTO)

P&Z Asset Management

I am the primary coder and security expert leveraging the Polygon(MATIC) blockchain to create customized smart contracts for use in diversified investing in fractionalized realestate.

November 2015 –
February 2022
Payson, USA

Information Technology and Technical Services Specialist

Town of Payson

I provided daily technical support to both public and internal personnel. I managed a public and private facing LAN and wore many hats including upgrade planning, troubleshooting, documentation, installation, consultation, C# and Python programming, budgeting, reports, data entry, network automation, web design, database administration and provided free classes to both public and private groups. I also managed a network of volunteers.

Over my 6 years in that position, I saved the company and individual users thousands of dollars each year in technical upgrades, essential software, and helped root out non-essential business expenses. I helped increase the security of our stored data and met the needs of the business often without having to outsource any expensive 3rd party assistance. I rebuilt the network from scratch and built up a more organized and automated administrative control and upgraded the physical infrastructure as well. I have been repeatedly recognized for my contributions to the welfare of the company and community.

January 2018 –
June 2018
Payson, USA

Computer Technician

Smart Systems Inc

I provided daily support to hundreds of home and business customers in almost every field while maximizing efficiency and profit. I contributed most to the company by implementing my skills in creating and maintaining multiple websites using my knowledge of FTP and basic CSS and HTML.

Our typical services included:

- Managed Service Provider
- System Integration
- Networks, Servers, Computers
- Hardware/Software
- WAN's, LAN's, and VPN's
- Remote Access Solutions
- Multiple Site Configuration and Integration
- VoIP Systems Sales and Integration
- Computer Sales, Service, and Repair