SAMUEL ITMAN

samuel.itman@gmail.com | 201-749-3145 | https://samitman.com

CAREER PROFILE

IT Innovation & Modernization Specialist

Innovative | Collaborative | Detail-Oriented | Versatile

A results-driven IT professional specializing in cybersecurity, software development, and digital modernization. Adept at modernizing business processes, optimizing efficiency, and driving innovation through advanced technical solutions. Experienced in both public and defense sectors with a proven track record of successfully leading high-impact projects to enhance system security, streamline workflows, and support mission-critical operations. Expertise spans cloud and DevOps technologies, software development, and cybersecurity, ensuring scalable, secure, and efficient digital transformation initiatives.

-CORE COMPETENCIES-

• Digital Modernization	• Software Development	• Business Process Redesign
• DevOps & Cloud Computing	• Process Automation	• IT Governance & Compliance
• Enterprise App Development	• Cybersecurity	• Database Management

PROFESSIONAL CREDENTIALS: DOD Security Clearance: Secret | CompTIA Security+ Certification

EXPERIENCE

IT Specialist | United States Space Force   **April 2024 – Present**

- Led initiatives to improve workforce operational efficiency and drive digital modernization strategies across the entire staff.
- Spearheaded the development of a new personnel management system, streamlining employee records tracking, onboarding and internal task management, improving data accuracy & visibility for 100+ personnel and saving 500+ man-hours annually.
- Developed interactive dashboards providing Space Force leadership with real-time insights into personnel records, leave requests, and budget allocation, reducing processing time by >50% and saving 1,000+ man-hours annually.
- Created the Space Force's first-ever automated training compliance system, resulting in an over 25% improvement in training compliance across all ~5,000 civilian guardians.

Software Developer | Innova Solutions   **January – April 2024**

- Engineered and maintained mission-critical web servers and databases for cost assessment and program evaluation across all DoD agencies, in support of the Office of the Secretary of Defense.
- Ensured 99.9% uptime for six information systems across classified and unclassified networks, providing uninterrupted access to critical resources for 300+ DOD users during the budgeting cycle.
- Implemented proactive cybersecurity measures, including vulnerability scanning and configuration management, ensuring full compliance with DOD regulations and maintaining the Authority to Operate (ATO) for all systems.

Cyber Program Analyst Intern | Cybersecurity & Infrastructure Security Agency   June – September 2022

- Developed key API and UI components of "Phoenix," a DOD threat intelligence platform used to assess threats against critical infrastructure, processing thousands of IOCs daily and contributing to a 70% reduction in threat research time.
- Integrated APIs with leading threat intelligence providers (e.g., VirusTotal, DomainTools, and proprietary sources) to enrich IOC data and improve security assessment efficiency.
- Developed UI components, including data ingestion dashboards and report generation features, to assist offensive security experts with their investigations.
- Leveraged Docker, MongoDB, Postman, Python, and Vue.js to build and deploy scalable and resilient "Phoenix" platform components.

Software Engineer Intern | Optum – UnitedHealth Group   June – August 2021

- Redesigned and modernized legacy systems for storing and processing critical healthcare provider data, resulting in a >50% reduction in management time and over 1,200 hours saved annually.
- Developed and deployed three production ReactJS web apps used by 200+ employees, integrating SSO, RBAC, GraphQL APIs, and AWS RDS for secure data handling.
- Automated deployment pipelines using Docker, Jest, Sonar, Twistlock, AWS ECR & EKS, Helm, and Jenkins improving security and reducing data processing time by >70%.

Information Technology Intern | KIPP New Jersey   July 2020 – September 2020

- Set up, configured, and tested hardware across 11 KIPP NJ sites supporting 8,500+ K-12 students, ensuring full operationality and adherence to organizational standards.
- Resolved network and connectivity issues, maintaining 99.9% uptime and efficient network communication.
- Managed vendor repair tickets and oversaw device repairs, reducing average repair time by two days.
- Conducted on-site tech audits and managed asset inventories, ensuring accurate tracking and compliance.

EDUCATION & DEVELOPMENT

New Jersey Institute of Technology, Newark NJ   September 2019 – December 2023

- MS – IT Administration & Security | GPA: 4.0
- BS – IT | Minor – Business | GPA: 4.0
    - Class Rank: 1/1815 | Summa Cum Laude | NSF CyberCorps SFS Scholar

-TECHNICAL SKILLS-

Cloud & DevOps:
- AWS (Amplify, EC2, ECR, EKS, RDS, S3, CloudFront), Google Cloud, Docker, Kubernetes, Jenkins, Helm, RabbitMQ

Software & Automation:
- Microsoft Power Apps, Power Automate, SharePoint, .NET Framework, Postman

Database Administration
- MySQL, MongoDB, SQL Server

Programming
- Python, Java, PHP, SQL, HTML, CSS, JavaScript (React, Node.js, Vue.js), C#

Languages
- Russian (Intermediate) & Spanish (Intermediate)