Moe Sani

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Summery

Innovative and security-focused Senior Software Developer and API Integration Specialist with over 20 years of experience in designing, developing, and securing enterprise-grade applications. Proven expertise in Python development, RESTful API architecture, secure system integrations, and cybersecurity solutions across healthcare, finance, and ERP domains. Adept at building scalable backends, automating business logic, and aligning software infrastructure with cybersecurity protocols (HIPAA, HITRUST, OWASP).

Track record of leading complex projects from concept to deployment, including AI-powered trading systems, MFA infrastructure, ERP↔Salesforce integrations, and secure authentication workflows. Combines deep backend development skills with penetration testing and red teaming knowledge to build robust, compliant systems from the ground up.

Core Competencies

- Python (FastAPI, Flask) • API Development • OAuth2/JWT • SQL/PostgreSQL
- Application Security • TOTP/MFA • Secure System Architecture
- Salesforce Development & Integration • ERP (NetSuite, SAP) Automation
- CI/CD Pipelines • Secure Token Management • Audit Logging
- AI/ML Integration • Reporting Dashboards • NLP & Data Analytics

May 2022 –July 2024   Senior Application Support Analyst | CVS Health. | Connecticut, Hartford

- Delivered secure backend enhancements and API integrations for enterprise healthcare apps.
- Automated QA processes with Python, improving release cycles and test coverage.
- Ensured full HIPAA compliance and data privacy in all workflows.

Dec 2020 –May 2022   Freelance Developer| Cybersecurity & Python Engineer

- Delivered secure backend enhancements and API integrations for enterprise healthcare apps.
- Automated QA processes with Python, improving release cycles and test coverage.
- Ensured full HIPAA compliance and data privacy in all workflows.

Dec 2019 – Nov 2020   Cyber Security Lead Advisor | CIGNA. Co. | Connecticut, Bloomfield

- Led secure backend development with API integration across critical applications.
- Conducted code reviews, static analysis (SAST), and backend hardening.
- Automated reporting workflows to improve visibility and reduce attack surface.

Oct 2018 – Nov 2019   AI Engineer – Integration & Analytics | Aetna. Co. | Connecticut, Hartford

- Developed AI-powered analytics dashboards for healthcare operational KPIs.
- Integrated Salesforce and EHR data pipelines using Python APIs.
- Engineered cognitive trading journal prototype using sentiment analysis + behavioral tagging.

Aug 2017 – Sep 2018   IT System Specialist | HomeGoods. Co. | Connecticut, Bloomfield

- Consulted with the IT department and end users at different levels, offering solutions and guidance for technical issues and efficiency improvements.
- Configured IBM Server AS400 and applications running on the IBM platform to ensure optimal performance.
- Configured and troubleshoot warehouse computers, IP-based devices, and network devices, such as Intermec Thor CV31, CV30, Avaya VoIP devices, and industrial printers.
- Designed and developed a BI web-based application to provide rich content reports for executive managers at the Bloomfield distribution center.
- Took a lead role in UI design and backend development using C# and connecting to the Microsoft Access database.

Feb 2009 - Dec 2016   Founder | Cyber Security Engineer | Feedaar Pardazesh System (Tehran, IRAN)

Feedaar Science & Technology is a solution provider company in Cyber Security, AI, and Data Science.

Responsibilities:

- Performed network and web application penetration testing, applying industry-standard methodologies and tools.
- Conducted threat analysis and managed a team of cybersecurity professionals to ensure comprehensive security coverage.
- Designed tactics and scoped projects for red teaming and pen testing engagements.
- Executed wireless network assessments and social engineering assessments to identify vulnerabilities.
- Developed comprehensive and accurate reports and presentations for technical and executive audiences.
- Contributed to the design of a Security Operations Center (SOC) for the financial deputy of BSI, providing senior consulting and training services.

Feb 2007 Mar 2009   Panda Security (Iman Rayaneh Pender/ Official representative of PANDA ANTIVIRUS in Iran) | System Manager and web specialists | (Tehran, IRAN)

Panda Security is a Spanish multinational specializing in developing IT security solutions. Initially focused on the development of antivirus software, the company has since expanded its line of business to advanced cyber-security services with technology for preventing cyber-crime

- Accomplishes information technology staff results by communicating job expectations;
- Coaching, counseling, and disciplining employees;

- Develop dynamic parts of the website by Microsoft .net Framework and C# language (FAQ, NEWS, ..)
- Designed and developed SQL Server database and wrote stored procedures.
- Test website vulnerability by testing XSS attacks and SQL injections.

Jan 2005- Dec 2007 | Co-Founder | Tehran, IRAN)

- Scoping and delivering end-to-end projects and operational programs and optimizing time-to-market provided the ICT technology infrastructures for the organization;
- Hire and train staff or help make hiring decisions
- Supervise information technology (IT) staff
- Consider project proposals and evaluate the feasibility
- Generate ideas for improving technical products

Jan 2004 – Dec 2005 | Web Designer & HTML Developer | Sheed Graphic (Tehran | IRAN)

- Plans site design by clarifying goals; designing functionality.
- Develops site navigation by categorizing content; funneling traffic through content.
- Develops site content and graphics by coordinating with copywriters and graphic artists;
- Designing images, icons, banners, audio enhancements, etc.
- Prepares site by installing and configuring server software;

Tools & Technologies

Python, FastAPI, Flask, Postgres, Redis, Salesforce Apex, SuiteScript, OAuth2, JWT, Linux, Docker, GitHub Actions, Celigo, Boomi, NetSuite, Tableau, Jira, Confluence, REST APIs, TOTP, SMTP, Secure Webhooks

EDUCATION & CERTIFICATES

11/2018 – 11/2020
Professional and advanced infrastructure pen-testing Program
HackerU, New York
An intensive 1-year boot camp

06/2019	University of Maryland | Cryptography Certificate
05/2019	University of London | Information Security Certificate
05/2019	University of Maryland | Software Security Certificate
04/2019	University of Maryland | Hardware Security Certificate
03/2019	Palo Alto Networks | Palo Alto Networks Academy Cybersecurity Foundation
02/2019	Board of Regents of the University System of Georgia| Cyber-security and Mobility Certificate
02/2019	University of Maryland | Usable Security Certificate

2018	IBM Certificate	IBM Blockchain
2018	IBM Certificate	Python for Data Science
2018	IBM Certificate	Big Data Foundations - Level 1
2018	IBM cloud Certificate	IBM App Connect Professional
2017	Certify Microsoft MTA DATABASE
2017	5SRW Certificate	3D Visualization and Photography

PUBLICATIONS

Book, **Network Security / Layers Threats 2023**
*Publisher***: Barnes & Noble Press**

Understanding theoretical foundations is key to network security. Networks are vital but vulnerable, requiring a delicate balance between security and efficiency. This book introduces fundamental concepts to empower readers to become network security experts.
https://www.barnesandnoble.com/w/network-security-mohammad-latifi-sani/

Radio Interview (DIY Cyber Guy) 04/13/2018
SECRETS FROM A HACKER – HOW NOT TO GET HACKED
David W. Schropfer

INTERESTS

- Photography
- Video Games
- AI and Robotics
- Cinema
- Electronics