

Jim Maziashvili

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FULL-STACK DEVELOPER

I have been involved in full-stack development and security research since the age of 16, initially as a freelancer and later in professional settings. Along the way, I have developed strong skills in teamwork and communication. I would like to contribute my skills to yet another company and further improve my experience and knowledge through that opportunity.

KEY COMPETENCIES

Teamwork capability
Strategic planning
Client relationships

Communication
SEV0 incident solving
OPSEC

KNOWLEDGE OF...

DBMSes

- MySQL
- Cassandra
- MongoDB
- PostgreSQL
- SQLite
- Elastic

FRAMEWORKS

- Node.js -> Express.js
- Node.js -> React/Next.js
- PHP -> Laravel
- Python -> Django
- Python -> Flask

LANGUAGES

- Javascript
- PHP
- Python
- Java
- Kotlin
- Dart
- Shell
- C++ (Arduino)
- Micropython (ESP32)

PROFESSIONAL EXPERIENCE

Blueberry Bank - NY, USA ***Full-stack developer***

Sep 2021 - Nov 2021

Worked on optimizing legacy back-end code. Implemented various external API services, like Stripe API for financial transfer management.

Accomplishments:

- Optimized back-end legacy code to reduce the usage of resources.
- Configured and implemented the Stripe API in Node.js app to manage money transfers within the mobile application.
- Found and patched security vulnerabilities in the Express server.
- Work experience with SEV 0 incidents.
- Experienced in collaborating with mobile developers to create APIs.

Magticom - TB, GE
Independent security researcher

June 2022

Reported critical security issue and signed NDA agreement.

Accomplishments:

- Identified 3 types of critical security issue in the Calix network routers supplied to clients, resulting in immediate action to replace 201 units.

Calix - TB, GE
Independent security researcher

June 2022

Reported critical security issue and signed NDA agreement.

Accomplishments:

- Identified 3 types of critical security issue in the Calix network routers, resulting in immediate firmware patch from Calix developers.
- Created PoC and documentation to describe the issue.

AzRy - TB, GE
Independent security researcher

Sep 2022

Reported critical security issue and signed NDA agreement.

Accomplishments:

- Identified security issue with the internal control panel.
- Created PoC and reported the issue to the developers.
- Helped them to identify the proper solution.

Biletebi.ge - TB, GE
Contract bug patch

Sep 2022

Fixed internal mobile application tool that was used to check the ticket status of clients.

Accomplishments:

- Reverse engineered legacy Android application using various tools
- Fixed the issue in extremely limited time.

Identomat - TB, GE & IL, USA
Full-stack developer

Jan 2023 - PRESENT

US company where I worked on various human verification algorithms and facial recognition systems.

Accomplishments:

- Fixed critical security issues in RBEC systems and API access controls.
- Implemented proprietary SAML and 2FA authentication systems with Microsoft Azure.
- Worked with microservices, created APIs, documentation and tests according to the specifications. Optimized legacy services.
- Attended meetings with clients from financial and government services to help them implement the verification system in a short period of time.
- Experience with SEV 0 incidents, finding and solving the issue in a short period of time.
- Worked with different DBMS, like MongoDB and Redis.
- Experience in working and launching containers using CLI/Rancher panel.
- Gave out trainings and recommendations for proper OPSEC practices to employees.
- Work experience with government citizen identity APIs and GovTalk protocol.
- Experienced in working with designers and mobile developers to exchange specifications for different projects.
- Created custom statistics and internal CLI tools for employees.

EDUCATION

IT Step Academy

Web developer course - Certification

Caucasus University (2022 - PRESENT)

Computer and electronics engineering

LANGUAGES

English

Level - C2

Georgian

Level - C2