Gabriel Iuga

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CRTO | OSCP | Head of Technology

Head of Technology with 12 years' experience. Hands-on involved in multiple software development and architecture projects, from design to delivery. Able to work across all levels of the organisation.

Seeking a challenging position, which will make best use of existing skills and expertise, whilst also providing opportunities for continuing professional development.

Key Skills

- Application and network penetration tests
- Privilege escalation and lateral movement
- Building custom exploits and automation scripts
- Python / Go / PowerShell / PHP / Java
- MySQL / MSSQL / Redis
- GIT / SVN
- Terraform / Packer / Ansible

- AWS configuration and management.
- Linux Server management, monitoring and security.
- DevOps and local environment setup.
- Team management and coaching.
- Change management and project management.
- Data migration.

Personal Projects / Interests

Penetration Tester / Synack Red Team Member

May 2020 – Present

- Obtained CRTO - https://api.eu.badgr.io/public/assertions/tRkZsPUxRoyJGVAniUvOGA
- Obtained OSCP – https://www.youracclaim.com/badges/73b877dc-0102-4dee-b990-a92046b57769
- Continuous learning via HackTheBox (https://app.hackthebox.eu/profile/324095), TryHackMe (https://tryhackme.com/p/syko), PentesterLab.
- Doing bug bounty research on Synack, Hackerone, Intigriti, and Bugcrowd
- Plans on extending my knowledge through further certifications such as OSEP / OSED / AWAE

Work Experience

Plug and Play Design

Head of Technology

July 2016 – Present

- Infrastructure and hosting
  - Provisioned and maintained the hosting fleet (40 + dedicated servers, 30+ virtual servers)
  - Monitoring and incident response across the full range of servers
  - Developed internal tooling for automated tasks using Python, GoLang, Ansible, Terraform, and Packer
- Development and management
  - Travel industry – a VueJs driven front-end, connected to a Laravel back-end using an external API that provides the data (c# driven)
  - Charity – Managed a team of developers to provide a VueJS SPA and a Laravel backend in a short timeframe, integrating with third party services like Secure Trading, EazyCollect, and Podio (CRM)

- Access Control industry – Managed the team of developers behind the website while creating a custom hosting infrastructure including Varnish caching.
- Events industry – built the integration of a Wordpress site to Microsoft Dynamics CRM
- Real Estate industry – Property and lease management application using Laravel, meant to be used by multiple individual landlords. Integrated the platform with third party services like Signable, GoCardless, Zoopla, and Stripe.
- Real Estate industry – Built the integration of a Wordpress website to Zoopla and RightMove via DataFeed.
- Key decision-maker on what technologies to be used for each project and instrumental in translating business needs into technical requirements.
- Managed a team of 4-7 Software Developers

Head of Development

December 2015 – June 2016

- Led and developed multiple projects in PHP with Laravel, Wordpress and Magento:
  - Retail industry – Magento ecommerce website, managing over 4,000 products. Developed complex scripts for the automation of continuous data-migration, to avoid downtime. Built the integration between the customer's ERP system, Sage200, to Magento.
  - SaaS ERP – built complex reporting using Java.
- Implemented continuous integration.
- Responsible for setup and maintenance of hosting servers using Centos 6/7 and WHM/cPanel and of a Nagios monitoring server.

Senior Software Developer

November 2014 – December 2015

- Retail industry - led and developed an ecommerce website using Magento. Implemented a custom pseudocode-to-code translator, which allowed platform administrators to create complex price calculation formulas using multiple types of product variables.
- Implemented an internal modular Wordpress website development framework, based on components and layouts, which can be added by the developers through drag-and-drop.
- Managed the insourcing of hosting servers and related services.
- Improved server and website security by installing malware detection, firewalls, and Nagios monitoring.
- Implemented Amazon S3 automated backups.

Colt Technology Services

Senior Java Developer

December 2013 – October 2014

- Customer order process automation and orchestration using BPML language and Java.
- Developed Intellij Idea plugins to increase development speed and created the JBPM processes within IntelliJ.

GiftsDirect

Senior Web Developer
November 2012 – November 2013

VanRoey Automation NV

Senior Web Developer
June 2010 – April 2012

OSF Global Services

Senior Web Developer
April 2012 – November 2012

Aim4Solutions

Web Developer
September 2008 – June 2010

Additional references can be provided upon request.