

Alexandru Grajdeanu

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Summary

Rock-solid full stack software engineer (with a weirdly thorough interest in the cyber security field), always interested in the latest trends and research efforts in computer science, with over 6 years experience in both designing and programming across a variety of platforms.

Technical Skills

- Main programming language: Python
- Secondary programming languages: JS, C, C++, Java
- Frameworks: Django, Flask, Tornado, ReactJS + Redux
- Frontend Development Frameworks: Semantic-UI, Bootstrap, Blueprint, AntDesign
- Networking: vast knowledge of several protocols as BGP, MPLS, IS-IS, OSPF, UDP - TCP/IP, SNMP(v2c/v3)
- Shell lover: Bash (sh, zsh) - vim
- Version control: GIT (Bitbucket, Github, Gitlab (including CI/CD))
- Others: JIRA / Confluence / Jenkins

Experience

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| July 2019–Present | Senior Network Developer - SDN , <i>Vodafone</i> , Bucharest, Romania.
Design and develop SDN applications, multilevel abstractions and complete automation of configuration, create standards and repeatable templates for device level configuration and expose them as reusable services by high layers of orchestration, design and implement the network models to support rapid growth, capacity planning and provide well designed templates and tools to deliver network services as code. Last but not least, propose solutions for developing scalable and highly available network applications used in the management of data center network infrastructure. |
| July 2017–July 2019 | Senior Software Developer , <i>Cegeka</i> , Bucharest, Romania.
Full stack application development using Django REST Framework, ReactJS, Redux, Webpack, Semantic-UI, PostgreSQL, MSSQL and Node.js on internal applications with a focus on hardware monitoring - development of all server-side logic, ensuring high performance and responsiveness to requests from the frontend. |
| January 2014–Present | Freelance Developer , <i>Upwork.com</i> , Bucharest, Romania.
Working with clients all over the world making sure that their ideas come to life. I have mainly worked as a full stack developer, on projects of all scales (small, medium and large). I've handled every aspect of implementation on each project that I've worked on, from setting up a VPS with the required dependencies, to designing the application architecture and data model, as well as taking care of frontend/backend development. |

- October 2016–Jul 2017 **Software Applications Developer Engineer**, *Orange Romania*, Bucharest, Romania.
Software development based on the GE Smallworld GIS product suite using Magik, which is an OO programming language derived from Smalltalk, quite similar to Ruby or Python.
- November 2015– **Software Engineer**, *Datanet Systems*, Bucharest, Romania.
I've been developing modular web applications from scratch (mainly NMSs - Network Management Systems) using Python, Perl, JS and some APIs as well as building cross-platform automation scripts using Shell or Python. More, I've consolidated my networking knowledge about some protocols: SNMP, BGP, IS-IS, MPLS and OSPF.
- October 2016 **Python and Django Developer**, *Tri-Ant Tehnologies Limited*, Bucharest, Romania.
Developing clean and reliable web applications using Python and frameworks such as Django as well as building clean and reliable REST APIs.

Education

- 2011–2015 **Bachelor of Science**, *University Politehnica of Bucharest*.

Certifications

- ITIL Foundation
- Infosim Certified Engineer (ICE)
- ORACLE - Database Administration

Miscellaneous

- I'm a perfectionist with a strong passion for clean code, great software, space exploration and astronomy. I like to break things, to find new ways to break things, to solve problems, to put things under test and stress, and to have my mind blown by an interesting question.
- Open source contributions: answering / reviewing code on Codereview Stackexchange community.
- Various prizes at informatics and phisycs competitions during high-school