ALEXANDRU-PAUL DUMITRU

SOFTWARE DEVELOPER

👤 ABOUT

Avid learner who likes to discover new technologies and try them out. This led to accumulating significant knowledge in server administration and software development. Love to collect digital badges (15 and counting) and currently pursuing AWS certifications.

💼 WORK EXPERIENCE

Broadcom
Prague, CZ

Mainframe Division
🌐 https://www.broadcom.com/products/mainframe
January 2018 – January 2021

R&D Software Engineer

The knowledge accumulated while working on Mainframes allowed me to move my career forward, and joined Broadcom as a software developer. I currently work in an Agile development team on plug-ins and Visual Studio Code extensions for mainframe developers. We primarily use Typescript and Node.js to build our products, REST APIs to communicate with remote services, GitHub to store our source code and Jenkins or GitHub Actions to drive our CI/CD pipelines. I also leverage my existing mainframe knowledge to help guide the team's plans and architecture.

Highlights

Development and delivery of several VS Code extensions and Zowe CLI core functionalities and plug-ins
Contribution to Open Source Projects: Open Mainframe - Zowe (https://www.zowe.org/) and Eclipse - Che4z (https://projects.eclipse.org/proposals/eclipse-che4z)
Zowe Explorer scrum member. Previously Zowe CLI scrum member
2nd place Zowe Broadcom Hackathon 2019 - Project: Web Application for "all things" mainframe - modern approach to working with the Mainframe having a wide range of services easily available in a user friendly web UI.
Speaker: Mainframe Technical Exchange - Prague 2019 - Zowe Lab: Jenkins CI/CD intro with Zowe CLI
Speaker: GSE UK - UK 2019 - DevOps using Zowe - Deep Dive
Trainer: Intro to Python. Audience: Internal (Broadcom) + External (PyLadies Prague)
Trainer/Presenter: Zowe CLI and VS Code Extensions for internal and external developers/stakeholders

IBM
Brno, CZ

Mainframe Division
🌐 https://www.ibm.com/cz-en
January 2017 – December 2017

z/Systems Programmer

Expanded my system management skills into the area of Mainframe platform. I had the opportunity to learn and practice on various operating systems such as z/VM, z/VSE and z/Linux.

Highlights

I was part of the team that successfully performed a z/VM system upgrade. I worked closely with external parties to prepare the system and also did various checks after the fact.

IBM
Brno, CZ

Mainframe Division
🌐 https://www.ibm.com/cz-en
December 2012 – December 2016

OpenVMS Systems Administrator

I started my IT career as an OpenVMS systems administrator. In this role I managed VAX, Alpha and Itanium servers for several clients across the globe (NA, EMEA, APAC) and was given the opportunity to learn all the facets of server administration.

Highlights

Trainer: Project - IBM Critical and Niche Skill Development Program for OpenVMS. This project aimed to ensure an organized knowledge share process for OpenVMS skills.
Redesigned and centralized daily system checks with improved automation scripts. Helped drastically reduce time and manpower needed for these actions.
Certification: Systems Administrator HP OpenVMS v8.
Helped interview and train for junior positions in the team.
IBM Mentor (https://www.youracclaim.com/badges/eb79bbc2-0e99-4f02-b07e-89517f36475b)
IBM Recognized Teacher/Educator (https://www.youracclaim.com/badges/685f46c4-7ffa-4f75-bb36-5b3025bf9555)

◎ CONTACT

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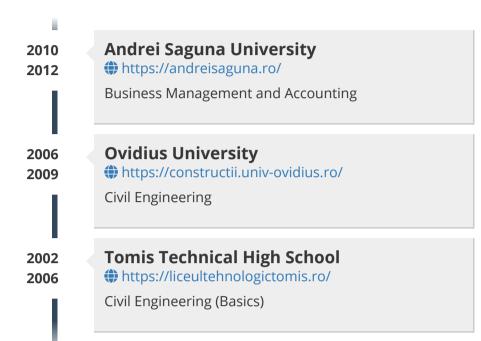
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LinkedIn
alexandru-paul-dumitru

GitHub
alexandru-dumitru

Medium
dumitru.alex0

Acclaim (digital badge collection)
alexandru-dumitru

🏛 EDUCATION

2010
2012

Andrei Saguna University
🌐 https://andreisaguna.ro/
Business Management and Accounting

2006
2009

Ovidius University
🌐 https://constructii.univ-ovidius.ro/
Civil Engineering

2002
2006

Tomis Technical High School
🌐 https://liceultehnologictomis.ro/
Civil Engineering (Basics)

☰ SKILLS

Software Development

NodeJS · TypeScript · Javascript · Python · Mocha · Jest · React · Express

DevOps

GitHub · Jenkins · Docker · Coverity

Agile

SAFe · Scrum · KANBAN