

Razvan Bordeianu

ELECTRONICS, TELECOMMUNICATIONS AND INFORMATION TECHNOLOGY GRADUATE

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Education

Faculty of Electronics, Telecommunications and Information Technology (Politehnica University)

Bucharest, Romania

B.S. IN ELECTRONICS, TELECOMMUNICATIONS AND INFORMATION TECHNOLOGY

Sept. 2018 - Sept. 2022

WITH FOCUS ON TECHNOLOGIES AND TELECOMMUNICATION SYSTEMS

Experience

Agricover Holding

Bucharest, Romania

IT SYSTEM ADMINISTRATOR

July 2024 - Present

- Led the implementation of Samsung Knox and enterprise mobility policies, managing a fleet of 200+ sales tablets, including zero-touch enrollment, security baselines, application lifecycle management, and compliance enforcement.
- Designed, implemented, and administered Microsoft Intune for mobile devices and laptops across the organization, covering endpoint configuration, compliance policies, conditional access integration, and application deployment.
- Implemented and managed enterprise security solutions including Self-Service Password Reset (SSPR), Microsoft Defender, and Microsoft Sentinel, improving identity protection, endpoint security posture, and centralized threat monitoring.
- Defined and prepared technical infrastructure requirements for new office locations, including wireless access points, routers, switches, network topology design, and hardware standardization.
- Active Directory administration including account provisioning, password resets, group management, and permissions.
- Exchange and Office 365 administration: mailbox creation, distribution group management, and migration from Exchange to Office 365.
- SharePoint administration and support for collaborative workflows.
- Server and virtualization management including user account maintenance, file-sharing permissions, Group Policy, VMware administration, and documentation for IT operations.
- Installation, configuration, and troubleshooting of IT infrastructure: routers, switches, printers, desktops, laptops, and phones.
- Software installation and support across Windows (10/11), macOS, and Windows Server environments.
- Implementation of automated solutions for internal departments.
- Hardware and software procurement including servers, storage media, mobile devices, and office equipment.
- Monitoring and analysis of operational KPIs such as productivity, occupancy rates, and volume of procedures.
- Maintained communication with external service providers and vendors to ensure reliable IT operations.

Python Systems com

Bucharest, Romania

SYSTEM ADMINISTRATOR

Oct. 2023 - July 2024

- Diagnosed and resolved technical issues related to hardware, software, firewall, and network connectivity.
- Configured and troubleshoot client operating systems and applications, covering both physical and virtual environments. This included Windows 10/11, Windows Server, Microsoft Office 365, Exchange, and various business systems.
- Troubleshoot software installations, configuration, and compatibility issues on different client endpoints.
- Worked with Fortinet equipment, HPE servers, Synology NAS products, various printers, and fixed endpoint hardware problems.
- Documented and created user-friendly guides to manage client credentials and log-on data.
- Hands-on experience with Active Directory and Group Policies, Microsoft Azure and 365 Platforms, Managed email accounts in cPanel, Supervised threat monitoring operations within Bitdefender GravityZone.

Qmed Dental Clinics

Bucharest, Romania

ASSISTANT GENERAL MANAGER AND SYSTEM ADMINISTRATOR

June 2021 - Oct. 2023

- Managed and maintained the IT department. In addition, I routed and set up a new clinic's network.
- Implemented automated solutions for the acquisitions department and for tracking sterilized medical instruments.
- Troubleshoot software and endpoint issues, maintained on-site IT hardware including firewalls, servers, NAS systems, printers, and workstations.
- Reviewed financial statements and implemented a revised pay and bonus structure for staff.
- Tracked and analyzed key performance indicators such as productivity, occupancy, and the number of procedures performed.

Skills

Microsoft 365

Exchange, SharePoint, Teams, Purview, Tenant Administration

Security

Microsoft Defender, Microsoft Sentinel, Bitdefender GravityZone, Kaspersky, Endpoint Detection and Response

Identity

Active Directory, Entra ID, Group Policy, Conditional Access, SSPR, MFA

MDM

Microsoft Intune, Samsung Knox, Compliance Policies

Networking

Familiar with Fortinet, Ubiquiti equipment, and concepts like TCP/IP, DNS, DHCP, LAN/VLAN/WAN.

Programming

C, C++, data structures and algorithms, object oriented programming, Python, Latex

IoT Enabled Smart Lighting System for Smart Buildings

Graduation Thesis

4th year

MONITOR THE PRESENCE OF PEOPLE AND ENVIRONMENTAL PARAMETERS

- The system was designed to transmit real-time room status to a web application.
- Depending on different environmental parameters the system will adjust lighting to ensure comfort and save energy.
- Created the schematic and PCB design for the: power, control, sensors, and execution blocks.
- Pre-layout investigation through CAD methods and inspected the PCB board after printing it and soldering the components.
- Wrote code in Arduino IDE for the ESP8266 microcontroller used in the control unit of the PCB.
- Tested the code and adapted the values to real-life scenarios.
- After testing several LED panels and power supplies the optimal combination for the project was chosen.

Translating Chat App

Personal Project

REAL-TIME MULTILINGUAL CHAT APPLICATION

- Developed a Django-based chat application in Python providing real-time translation of conversations into user-selected languages.
- Implemented automatic language detection and real-time message translation for each participant.
- Integrated the Google Translate API to deliver accurate and efficient translation services.
- Designed multi-user chat functionality supporting simultaneous participation with individualized language preferences.
- Created an intuitive user interface enabling seamless language switching and accessible communication.

AB Class Amplifier

College Project

ANALOG AMPLIFIER CIRCUIT DESIGN

- Engineered an AB Class amplifier to meet specific amplification and efficiency requirements.
- Designed and analyzed the amplifier circuit using OrCAD Capture CIS for accurate schematic development.
- Conducted detailed simulations to validate performance and compliance with design specifications prior to implementation.

1Hz Clock Generator

College Project

PRECISION TIMING CIRCUIT DESIGN

- Designed and developed a 1Hz clock generator for precise timing applications.
- Created schematic and PCB layouts using OrCAD Capture CIS, ensuring manufacturability and functional correctness.
- Performed pre-layout investigation using CAD methods to optimize performance and signal integrity.
- Generated a Bill of Materials (BOM) for component procurement and assembly.
- Analyzed thermal characteristics of electronic modules to ensure reliable operation within specified temperature ranges.