<main-info>MAIN PROJECTS

<company>CUBIWARE (08/2013 - 10/2017)

<project>1. ASSET MANAGEMENT SYSTEM DEVELOPMENT

<project-desc>DEVELOPED AN ASSET MANAGEMENT SYSTEM USING C# AND MYSQL TO STREAMLINE THE COMPANY'S ASSET TRACKING AND MANAGEMENT PROCESSES.

<project-skills>o TECHNOLOGIES: C#, MYSQL, .NET, WINDOWS.

<project>2. SERVERS AND DATABASE ADMINISTRATION

<project-desc>MANAGED AND OPTIMIZED DATABASES ON LINUX SYSTEMS, INCLUDING MYSQL AND POSTGRESQL, ENSURING HIGH AVAILABILITY AND PERFORMANCE, BACKUPS MANAGEMENT. LINUX SERVERS’ MANAGEMENT.

<project-skills>o TECHNOLOGIES: MYSQL, POSTGRESQL, LINUX, BASH, CENTOS.

<project>3. TRADE SHOW SOFTWARE PREPARATION

<project-desc>DEVELOPED AND UPDATED SOFTWARE FOR SET-TOP BOXES IN C, FOCUSING ON SOFTWARE UPDATES AND MEMORY MANAGEMENT FOR LIVE DEMONSTRATIONS AT INDUSTRY TRADE SHOWS.

<project-skills>o TECHNOLOGIES: C, SET-TOP BOX SOFTWARE, EMBEDDED SYSTEMS, GITLAB.

<project>4. PRESALES AND CLIENT SUPPORT

<project-desc>PROVIDED TECHNICAL SUPPORT FOR PRESALES, INCLUDING SERVER AND MIDDLEWARE INSTALLATION, TROUBLESHOOTING, AND ON-SITE SUPPORT.

<project-skills>o TECHNOLOGIES: LINUX, MIDDLEWARE, ONSITE SUPPORT, CUSTOMER ENGAGEMENT, JIRA.

<project>5. MIDDLEWARE TESTING

<project-desc>CONDUCTED EXTENSIVE TESTING OF MIDDLEWARE SOFTWARE AND SYSTEMS TO ENSURE QUALITY AND FUNCTIONALITY.

<project-skills>o TECHNOLOGIES: MANUAL TESTING, SOFTWARE TESTING, QUALITY ASSURANCE, SELENIUM.

<project>6. RACK ADMINISTRATION AND NETWORK SERVICES

<project-desc>MANAGED SERVER RACKS, DNS/DHCP CONFIGURATIONS USING BIND, ENSURING PROPER NETWORK CONFIGURATIONS AND SERVICE AVAILABILITY.

<project-skills>o TECHNOLOGIES: BIND, DNS/DHCP, RACK ADMINISTRATION.

<company>ACCENTURE (11/2017 - 02/2022)

<project>1. DDI OPERATIONS AND TEAM LEADERSHIP

<project-desc>MANAGED DNS RECORDS, ZONES, DHCP OPERATIONS, AND TROUBLESHOOTING. LED THE EMEA DDI TEAM, COORDINATED ON-CALL SUPPORT, AND HANDLED ESCALATIONS. PLAN AND ARCHITECTURE PROJECTS.

<project-skills>o TECHNOLOGIES: INFOBLOX, DNS, DHCP, TEAM LEADERSHIP, SERVICE NOW.

<project>2. IPV6 SPACE MANAGEMENT

<project-desc>DEVELOPED PROGRAMS FOR AUTOMATIC IPV6 SUBNETTING, DOCUMENTATION, AND STANDARDS, ENHANCING THE IPV6 MANAGEMENT FRAMEWORK.

<project-skills>o TECHNOLOGIES: IPV6, PYTHON, DOCUMENTATION, NETWORKING.

<project>3. FIREWALL COMPLIANCE AND CLEANUP

<project-desc>AUTOMATED COMPLIANCE CHECKS AND CLEANUP FOR FIREWALL RULES, REDUCING SECURITY RISKS BY REMOVING UNUSED PORTS.

<project-skills>o TECHNOLOGIES: PYTHON, FIREWALL MANAGEMENT, COMPLIANCE, CISCO, FORTIGATE.

<project>4. BGP IPV6 IMPLEMENTATION

<project-desc>IMPLEMENTED BGP FOR IPV6 ON EDGE ROUTERS, ENHANCING NETWORK ROUTING EFFICIENCY AND REDUNDANCY.

<project-skills>o TECHNOLOGIES: BGP, IPV6, NETWORKING.

<project>5. DNSSEC AUTOMATION

<project-desc>AUTOMATED THE ADDITION OF DS RECORDS AND DNSSEC KEY ROLLOVERS FOR ALL ACCENTURE EXTERNAL DOMAINS, COLLABORATING WITH REGISTRARS FOR SECURE DOMAIN MANAGEMENT.

<project-skills>o TECHNOLOGIES: DNSSEC, PYTHON, REGISTRARS, AUTOMATION.

<project>6. DOMAIN RECLAMATION AND CLEANUP

<project-desc>DEVELOPED SCRIPTS FOR IDENTIFYING AND RECLAIMING UNUSED DOMAINS, OPTIMIZING DOMAIN PORTFOLIO AND REDUCING COSTS. REGISTRAR COOPERATION.

<project-skills>o TECHNOLOGIES: PYTHON, DNS MANAGEMENT, SCRIPTING.

<project>7. DHCP MIGRATION

<project-desc>DESIGNED AND EXECUTED THE MIGRATION FROM WINDOWS DHCP TO INFOBLOX, IMPROVING RELIABILITY AND SCALABILITY.

<project-skills>o TECHNOLOGIES: INFOBLOX, WINDOWS SERVER, DHCP MIGRATION.

<project>8. LOAD BALANCER AUTOMATION

<project-desc>AUTOMATED LOAD BALANCER CREATION AND DECOMMISSION PROCESSES, STREAMLINING OPERATIONS AND IMPROVING EFFICIENCY.

<project-skills>o TECHNOLOGIES: PYTHON, LOAD BALANCING, AUTOMATION, STINGRAY, BROADCOM.

<project>9. SSL CERTIFICATE MANAGEMENT

<project-desc>DEVELOPED A SYSTEM TO AUTOMATE SSL CERTIFICATE EXPIRATION ALERTS, ENSURING TIMELY RENEWALS AND AVOIDING SERVICE DISRUPTIONS.

<project-skills>o TECHNOLOGIES: SSL, PYTHON, EMAIL AUTOMATION.

<project>10. DDI OPERATIONS PORTAL DEVELOPMENT

<project-desc>BUILT AND MAINTAINED A WEB PORTAL FOR DDI OPERATIONS, PROVIDING VISIBILITY INTO SERVER STATUS, NETWORK USAGE, AND COMPLIANCE WITH EXTENSIBLE ATTRIBUTES.

<project-skills>o TECHNOLOGIES: PYTHON, DJANGO, WEB DEVELOPMENT, DDI, WEB2PY, SNMP, LINUX, DOCUMENTATION.

<project>11. SERVICE NOW AUTOMATION

<project-desc>SOLUTION ARCHITECTURE AND BUILD INTEGRATION FOR DDI OPERATIONS. AUTOMATIC CRUD OF MAIN DNS RECORDS (A, CNAME, MX, TXT) USING SERVICE NOW FORM TO OFFLOAD TEAM.

<project-skills>o TECHNOLOGIES: PYTHON, JAVA, UML, DDI, JSON, PROJECT MANAGEMENT, DOCUMENTATION.

<company>DELL TECHNOLOGIES (02/2022 - PRESENT)

<project>1. LEAD ESCALATION ENGINEER EMEA

<project-desc>ACTED AS THE MAIN ESCALATION ENGINEER FOR DDI ISSUES ACROSS EMEA, PROVIDING ADVANCED SUPPORT FOR BLUECAT AND INFOBLOX ENVIRONMENTS.

<project-skills>o TECHNOLOGIES: BLUECAT, INFOBLOX, DNS, NETWORK OPERATIONS, ESCALATIONS.

<project>2. INTEGRATION OF MULTIPLE DNS VENDORS

<project-desc>DEVELOPED SOFTWARE FOR INTEGRATING THREE DIFFERENT DNS VENDORS, MAINTAINING AND SUPPORTING THE INTEGRATION INFRASTRUCTURE.

<project-skills>o TECHNOLOGIES: PYTHON, DNS INTEGRATION, DEVOPS, SOFTWARE DEVELOPMENT, GIT, DEVOPS, SOFTWARE TESTING.

<project>3. DNS MIGRATION TO NEW VENDORS

<project-desc>LED THE MIGRATION OF DNS DOMAINS TO AKAMAI AND NSONE, DEVELOPING AUTOMATION SCRIPTS AND SUPPORTING THE MIGRATION TEAM.

<project-skills>o TECHNOLOGIES: AKAMAI, NSONE, PYTHON, MIGRATION AUTOMATION, SOFTWARE DEVELOPMENT, DEVOPS, KUBERNETES, SOFTWARE TESTING.

<project>4. CVE UPDATES AND REMEDIATION

<project-desc>ASSISTED IN MITIGATING CVES BY DEVELOPING AND EXECUTING SCRIPTS TO AUTOMATE REMEDIATION PROCESSES.

<project-skills>o TECHNOLOGIES: CVE MANAGEMENT, PYTHON, SECURITY AUTOMATION.

<project>5. UPGRADE AUTOMATION FOR BLUECAT

<project-desc>CREATED SCRIPTS TO AUTOMATE SOFTWARE UPGRADES FOR BLUECAT, SIGNIFICANTLY REDUCING THE TIME REQUIRED FOR UPDATES.

<project-skills>o TECHNOLOGIES: PYTHON, BLUECAT, AUTOMATION, BASH.

<project>6. USER-DEFINED FIELDS (UDF) REVIEW AND UPDATE

<project-desc>AUTOMATED THE REVIEW AND UPDATE OF USER-DEFINED FIELDS ACROSS SYSTEMS, IMPROVING DATA ACCURACY AND CONSISTENCY.

<project-skills>o TECHNOLOGIES: PYTHON, AUTOMATION, DATA MANAGEMENT.

<company>FREELANCE PROJECTS

<project>1. MACHINE LEARNING FOR CUSTOMER SEGMENTATION

<project-desc>DEVELOPED ML MODELS TO ANALYZE AND SEGMENT CUSTOMER DATA FOR AN E-COMMERCE PLATFORM, IMPROVING TARGETED MARKETING STRATEGIES.

<project-skills>o TECHNOLOGIES: PYTHON, SCIKIT-LEARN, PANDAS, DATA ANALYSIS.

<project>2. DIABETES GROUP FILTERING ALGORITHMS

<project-desc>CREATED ALGORITHMS FOR FILTERING AND CATEGORIZING DIABETIC PATIENT GROUPS BASED ON HEALTH DATA, AIDING IN CLINICAL DECISION-MAKING.

<project-skills>o TECHNOLOGIES: PYTHON, MACHINE LEARNING, DATA SCIENCE.

<project>3. EFFICIENT IP API DEVELOPMENT

<project-desc>DESIGNED A CRUD API FOR MANAGING DNS RECORDS FOR AN INSURANCE CLIENT, STREAMLINING DNS OPERATIONS.

<project-skills>o TECHNOLOGIES: PYTHON, REST API, EFFICIENT IP, CRUD OPERATIONS.