

BRYAN MALYN

Austin, TX

bim9262@gmail.com · (703) 774-2253

TECHNICAL KNOWLEDGE

Basic Knowledge: C, PHP, HTML, JAVASCRIPT, KUBERNETES, \LaTeX
Intermediate Knowledge: RUST, Relational Databases, Ansible, GIT, JAVA
Advanced Knowledge: CFENGINE, PYTHON, Linux Administration

WORK EXPERIENCE

	AMAZON	
SEPT. 2022 - Present	Software Development Engineer II Working on the Privacy@Amazon team.	
	SAMSUNG AUSTIN R&D CENTER (SARC)	
NOV. 2017 - SEPT. 2022	Senior Engineer Engineer II	MAR. 2021 - SEPT. 2022 NOV. 2017 - MAR. 2021
	Product owner of critical tools including: CFENGINE, TESTINFRA, GRAPHQL, and our CMDB; including managing the required infrastructure to support these tools and performing critical updates. Create tooling in our configuration management tool, CFENGINE, which makes it easier for other team members to make changes to installed packages or to lay down files (templated, raw files, and files from an http sources). This is done by writing CFENGINE policy that parses through json files which describes what files will be placed, what permissions will be set on the file, who owns (user/group), and where those files come from. Provide tooling around our CMDB; including command line tools, REST API and GRAPHQL. GRAPHQL exposes all of the data in our CMDB through and augments the data with data from many other sources including: snmp, ZENOSS, JIRA, SPLUNK, INFOBLOX, SATELLITE, and ELK(TESTINFRA backend). Automated ZENOSS monitoring of systems by synchronising with our CMDB to add/remove devices as they come online and are retired; and to update device production states, monitoring templates, and roles.	
	INTERNATIONAL BUSINESS MACHINES CORPORATION (IBM)	
AUG. 2015 - OCT. 2017	Cloud Automation Specialist	
	Created tools to ease my team's effort for periodic revalidation processes. Created new processes to decrease our clients' workloads, with a focus on security compliance. Created an IoT system, in PYTHON, to record metrics from our labs including power, temperature and humidity. Created graphs and alerts based on those metrics using INFLUXDB, GRAFANA, and KAPACITOR.	

CERTIFICATIONS

JAN. 2021 - Present: ITIL® Foundation Certificate in IT Service Management · **AXELOS**

CONFERENCES

AUG. 2015	Critical Alternatives 2015: 5 th Decennial Aarhus Conference Published and demoed: <i>Light is Loud: A Sound Driven LED Suit</i>
DEC. 2014	8 th International Conference on Ubiquitous Computing and Ambient Intelligence 6 th International Work-conference on Ambient Assisted Living (UCAmI & IWAAL 2014) Published: <i>The Brightnest Web-Based Home Automation System</i>

EDUCATION

MAY 2015	Bachelor of Science in COMPUTER SCIENCE, Virginia Tech , Blacksburg, VA <i>Magna Cum Laude</i> · MAJOR: Computer Science · MINOR: Math
FALL 2013 - SPRING 2014	Study Abroad at Luleå Tekniska Universitet , Luleå, Sweden COURSE WORK: Masters Level Computer Science and Swedish Language