

ROBERT SKELTON

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WORK EXPERIENCE

Wabtec/GE Transportation

Sr. Infrastructure Architect

February 2017 - Present

Remote / Palm Bay, FL

- Architect and automate the install of a new SSO-enabled Chef environment with Terraform and bash.
- Refactor legacy base tools from Chef roles to Habitat for quicker and more reliable installs.
- AMI rotation process using Packer for CentOS 7, RHEL 7, Windows 2016 and Windows 2019.
- Build CI/CD pipelines in Gitlab CI and develop Docker images for Gitlab runners.
- Perform application migrations, automated using Chef, Jenkins, Scalr to AWS to cut \$600K+/year in data centers spend.

Harris Corporation

Information Security Systems Engineer/Unix Systems Administrator

June 2015 - February 2017

Melbourne, FL

- Deployment of Tenable Security Suite to 20+ remote FAA sites as the technical lead for FTI's Compliance, Auditing and Verification Team.
- Developed cross-platform scripts to reduce workload by up to 80% and Tier 2 Unix support.

Oak Ridge National Laboratory

Cyber and Information Security Research Intern

June 2013 - August 2013

Oak Ridge, TN

- Created a cyber range using XenServer, virtual machines, virtual and physical networking.

VT Miltope

Test Engineering Co-op

August 2011 - May 2013

Hope Hull, AL

- Tested, troubleshooted, assembled and replaced military rugged computers and components.

EDUCATION

Georgia Institute of Technology

M.S. in Computer Science

January 2016 - May 2021(est)

Auburn University

B.S. in Computer Engineering, GPA: 3.40

Founder/President, Auburn University Linux Club

Webmaster, Auburn University Eta Kappa Nu

Director of Communications, Auburn University IEEE Student Branch

Global Datafest Hackathon, Organizer (2015), Participant (2013, 2015)

August 2010 - May 2015

TECHNICAL STRENGTHS

AWS Certifications

SysOps Administrator Associate, Solutions Architect Associate

Other Certifications

Security+, Linux+, LPIC-1, SUSE CLA

DevOps

Amazon Web Services, Chef, Terraform, Gitlab CI, Jenkins, Scalr, Databases

OS/Apps

Multiple Linux Distributions, Android, OS X, Virtualbox

Tools

Microsoft Office Suite, VS Code, Git, Vim, Atom, Datadog, Okta

Other

Agile, Enterprise Architecture, Computer Hardware

Programming

Java, Python, Javascript, bash, HTML, SQL