

**Joshua Avery Reed**  
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## Education

Brigham Young University – Idaho

Bachelor's in Computer Science

**Technical Skills & Languages:** Ansible, Terraform, C++, Go, C, Python, HTML, JavaScript, CSS, Debian and RedHat Linux Systems, MySQL, SQLite, Twilio SMS API, Vonage SMS API, Twitter API, PayPal API, NGINX web server, Apache web server, KNOT DNS nameserver and resolver, Node.js, DNS, Git, Github, Gerrit, Xen, Ganeti, SDL2, X11, Excel, GIMP, cron, systemd, Selenium, Cython, postfix, sendmail, mail, Docker, RESTful API, Postgres.

**Spoken Languages:** English (Native), Portuguese (Fluent / Max score on FLATS exam)

## Professional Experience

### **DevOps Engineer at Deloitte US** (Previously End Point Dev)

OCT 2023 - PRESENT

- Ansible and terraform development for setting up and configuring a variety of linux servers on AWS, GCP, Azure and other cloud and server services
- Worked with Rhapsody, EpiTrax, Middleware, NMI, Keycloak, CAS, Mirthconnect, SFTP, and Postgres for handling and transmitting live data.
- Configured and managed PostgreSQL databases, Apache2 and a variety of other Linux services

### **Software Developer at TornadoVPS** (Previously PRGMR)

AUG 2022 – JAN 2023, JUN – OCT 2023

- Setup and managed Debian and Red Hat servers
- RPM and DEB packaging, automation, and testing
- Ganeti and Xen for VPS hosting • Automation, QA, and testing with Python
- HTML, JS and markdown for web development and documentation
- Git, Gerrit, Ansible for managing and testing code with others

### **DevOps Engineer at RG Developments**

JUN – AUG 2022, JAN – MAY 2023

- Manage Ubuntu server with Knot nameserver, NGINX webserver, MySQL server
- FullStack web development
- Developed software for backend processes for managing orders, inventory and orders

## **Full Stack Developer at TheChamps.co**

APR 2021 – APR 2022

- Setup Ubuntu server with Knot nameserver, NGINX web server, MySQL server
- Frontend with HTML, CSS, and JavaScript and backend with Node.js, Express.js, Bcrypt.js, and Python
- Twitter API for automated social media post and PayPal API for payments with Python

## **Software Engineer at DNS Institute (AUG 2020 – APR 2021)**

- Python and Go for pulling and analyzing DNS records and probing ports

## **Service**

Volunteer Representative (2017 - 2019)  
The Church of Jesus Christ of Latter-day Saints

Eagle Scout Award (2016)  
Boy Scouts of America

Experience with old-call techniques and interpersonal skills with 70+ hr work weeks, ran meetings/trainings.

Managed and communicated with a team of volunteers, worked with local authority, placed and managed orders.