

## JARED RATNER

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Github: <https://github.com/OrangeBolt>

### TECHNICAL SKILLS

**Certification:** CompTIA A+ Certification, Full Stack Software Engineer Holberton Certification

**Programming Languages:** Python, C#, C, C++, Bash/Shell, Kotlin, Java, MySQL, SQLite, Ruby, JavaScript, HTML5, CSS, PHP, Basic

**Frameworks:** Django, Flask, FastAPI, Pandas, .NET & .NET Core, React, NextJS

**Additional Technologies:** Azure, AWS, Redis, Azure Pipelines, Github, MongoDB, MQTT, SQLite, Postgres, CertBot/LetsEncrypt, Docker, Docker-compose, Docker swarm, SOC2 Compliance

**Operating Systems/Kernels:** Windows 10/11, macOS, Linux, Android, iOS, Windows Server 2008-2020

### DevOps Engineer II, Veeder-Root Simsbury, CT 2025-Current

- Created a script that gathers and emails out the versions of all software in development at all sister companies. This saved our developers 2 hours of work gathering versions a week to use in their own development
- Used terraform to rework existing AWS infrastructure and updating their cloud infrastructure to make it easily changeable and upgradable
- Created and implemented a proxmox backup server and proxmox virtual environment to replace 20 year old critical infrastructure hardware. Reducing downtime in the case of a system outage.
- Created self hosted password and critical document manager replacing a shared around file system using minimal costs with maximum security and visibility to host in AWS
- Implemented a replacement updated Jenkins CI/CD system replacing their existing Jenkins system from 2017.

### Site Reliability Engineer/DevOps Engineer, Ancera Branford, CT 2021- 2025

- Designed and implemented all networking both on-premises and in the Azure cloud, ensuring high availability, optimized DNS configuration, and secure access for sensitive AI-powered servers.
- Developed and patented algorithmic python program that filters the CRISPR data of bacteria DNA
- Created Salmonella DNA program used by major research university programs
- Created data processing programs that saved internal employees 1000+ man hours per employee per year
- Maintained and created patches for all servers on-site, client-site and in Azure cloud
- Design and implement linux systems and security solutions for AI powered rendering servers
- Create and test CI/CD software yaml Pipelines for Azure with automated security sniffing and code linting
- Read and follow through on creating solutions for tickets involving security holes in all pieces of code base
- Set up Ansible playbook to quickly build and make deployable AI processing Linux (Ubuntu) Server
- Planned and managed over 30 contractors for IT, and Software Development needs
- Managed Azure and on Premises Costs saving tens of thousands a year through proper resource allocation
- Deployed and managed dozens of app services and SQL databases in Azure cloud architecture

**Software Engineer, *Bodangly Software* New Haven, CT 2020- 2021**

- Design and program object-oriented solutions for IoT devices
- Create connection API and SDK for IoT devices to Azure Hub
- Utilized Django to develop API for connection from IoT devices to React based front end
- Wrote a C based program to create drivers for an nVidia GPU for visual processing on IoT devices
- Constructed a Vue front end for Litecoin crypto exchange website.

**Software Support Specialist, *V-Technologies* Cheshire, CT 2018**

- Assessed complex customer inquiries and responded promptly to service requests
- Swiftly and accurately applied customer change requests
- Created guides for clients and internal support personnel
- SQLite used to send information over APIs to shipping companies such as FedEx, USPS, etc.
- Database administration in RDS environments and Python scripting to automate business functions on servers such as data ETL, business automation through timed API calls.

**IT Technical Intern, *National Physician Services* Rocky Hill, CT 2017**

- Installed, maintained, and updated IT infrastructure
- Managed connectivity of hardware and software
- Created and executed drive imaging

**Network Administrator/Web Designer, *Ben and Jerry's* Canton, CT 2015-2016**

- Collaborated with client to identify required network architecture
- Configured and installed local network infrastructure
- Performed website design and development

**ITS Help Desk, *Eastern Connecticut State University* Willimantic, CT 2014-2015**

- Technical assistance and resolution of hardware and software problems
- Assisted and advised on installation, configuration, and performance issues
- Trained clients to utilize university systems and software

**EDUCATION**

**Holberton School of Software Engineering, New Haven, CT**

Full Stack Software Engineering