

Justin Hoppensteadt

Phone number: +65 9434 6348 Email address: justinrocksmadscience@gmail.com

PROFILE

20 years of Linux professional experience. Cryptocurrency enthusiast active for over 10 years.

WORK EXPERIENCE

Senior Infrastructure Engineer Paradigm

11/2023 - present SINGAPORE

Lead devops engineer overseeing cloud native financial applications running on AWS, using Kubernetes, Helm, Terraform, Docker, PostgreSQL, CI/CD pipelines and others.

Supporting a Starknet forked, layer 2, decentralized exchange <https://paradex.trade>, with large days handling over \$100 million in transactions. Supporting a front end to crypto derivatives trading, <https://paradigm.co>, that often handled 30% of the global derivatives volume.

Built and supporting a quantitative trading infrastructure handling multiple users and many strategies.

Worked with AWS support to debug TCP layer errors with AWS network services.

DevOps Engineer DRW

08/2022 - 08/2023 SINGAPORE

Support cryptocurrency OTC liquidity provider/exchange, algorithmic trading systems, and traditional trading desk.

Git ops driven management of systems and services using Ansible, Kubernetes, Helm, CI/CD pipelines, and others.

DevOps Tech Lead and Developer Yield App

02/2021 - 07/2022 BANGKOK, BANGKOK CITY, THAILAND

DevOps lead for cryptocurrency/financial tech investment platform.

Lead several on premise deployments of transacting Ethereum, Bitcoin, and other blockchain project nodes, including Erigon for Ethereum and Binance Smart Chain.

Deployed full AWS stacks for public facing, and development environments via Terraform.

Deployed CloudFlare, PagerDuty, and Tailscale.

Migrated entire organization to docker based development life cycle.

Developed cryptocurrency trading platforms.

Senior Engineer Live Nation Entertainment

05/2011 - 09/2020 GREATER LOS ANGELES AREA

Supporting a large environment with over 18000 Linux systems across several data centers and AWS regions including high traffic and PCI-compliant environments.

Deploying and maintaining many solutions utilizing Continuous Integration/Continuous Delivery, Terraform, Docker, Kubernetes, Helm, and other modern infrastructure tools.

Skilled in performing migrations between platforms including containerization of applications, moving to and from AWS, and modernization of legacy services.

Created and contributed to many internal software projects including projects for monitoring, alerting, metric collection, automation, inventory management, package and configuration management, and many other tools using Python, Perl, shell scripting, Go, PHP and other languages.

WORK EXPERIENCE

Created training content and taught training classes on devops topics.
Migrated entire 3000+ system development and QA environment between data centers.
Extensive use of configuration management in deploying and maintaining systems.

Senior Linux Administrator Universal Music Group

11/2008 - 12/2010

Linux Lead for Web Services group. Hosting over 500 individual artist, label or marketing sites. Epic.

System Administrator Buzznet

10/2007 - 11/2008

System Administrator for buzznet.com and about 30 other celebrity gossip and music sites. Involved with everything from pricing out systems, racking, networking, load balancers, security, OS, apache, mysql, cfengine, and cdn! Made many programs to automate administration tasks, transform data, monitor, and even fix other programs. Extensive work with Movable Type and Wordpress blogging platforms.

Linux System Administrator ValueClick, Inc.

02/2007 - 09/2007

System administrator for one of the top 5 most visited companies on the internet, with over 2 billion hits per day. Involved with capacity planning, datacenter management, and day to day operations for systems throughout the enterprise which spans many products including, Search123.com, CommissionJunction.com, PriceRunner.com, ValueClickMedia.com, Mediaplex.com, and several other products.

UNIX Systems Administrator Cendant, TDS, Orbitz.com

05/2006 - 07/2006

In the operations department. Monitor and maintain Orbitz.com, CheapTickets.com, and many other travel related websites. I sit at the driver's seat of a 3500+ node environment usually serving out to a daily average peak of over 60,000 concurrent users.

Software Engineer ITG Solutions, Inc.

12/2005 - 02/2006

Creation of complete building automation solutions including programming process control sequences and creation of graphical user interfaces on Andover Controllers and workstations. On site and remote management of facilities.

EDUCATION

Computer Engineering Technology | Bachelors Devry University

01/2002 - 12/2005