

JASON THORNE SENIOR DEVELOPER

@ E-mail: jthorne@magicclamp.com.au

☎ Phone: 0401 717 626

in [linkedin.com/in/jason-thorne-1ab4552b](https://www.linkedin.com/in/jason-thorne-1ab4552b)

📺 Video

EXPERIENCE

Python/Django/Devops/AWS

NSW Education

📅 August 2020 – June 2021

📍 Parramatta, Australia

- Python3 Django REST API development and automated testing
- Devops Terraform and Jenkins for CI/CD tests and deployment
- AWS; IAM, security groups, Postgres RDS, EC2, Docker, Cloudwatch, CloudFront, S3
- NGINX webserver UWSGI and AWS Load Balancers
- Mentoring, team programming, code review, wrote developer docker containers and README development setup instructions
- Sentry monitoring and dispatch of bug fixes to team
- Develop to Staging to Production

Full Stack Python/Django/Vue/Jenkins/Rackspace/AWS

INTRO Travel

📅 March 2016 – current

📍 Sydney, Australia

- Python2 point of sale 50,000 lines using Polymorphic model
- Python3 CMS site for customer sales and shopping cart, 50,000 lines
- Django Wagtail CMS
- Django REST framework API, subclassed ListView for reports
- Paypal gateway integration (now Flywire) with currency detected from request IP
- Jenkins server set up for automated CI/CD. Checks Bitbucket repo, runs tests, deploys with Ansible
- Rackspace infrastructure for High Availability MySQL RDS.
- AWS S3 CloudFront for media.
- NGINX UWSGI setup with Setigo SSL certificate purchase/management

Full Stack Python/Django/AWS/JQeury

Crowd88 Financial Startup

📅 Aug 2018 – Nov 2018

📍 Sydney, Australia

- AWS Security Groups, Postgres RDS, S3, EC2, DNS, repository
- Django class based views
- Ansible deployment to two servers behind load balancer
- SSL certificate management

Python/Django/React/Redux

StationFive for EY Australia

📅 Oct 2017 – Jul 2018

📍 Sydney, Australia

EMPLOYMENT HISTORY

| | |
|-----------|-------------------------------------|
| 2020-2021 | NSW Education |
| 2016-2020 | INTRO Travel |
| 2012-2016 | MagicLAMP Website Consulting |
| 2010-2012 | The University of NSW |
| 2008-2010 | Queensland University of Technology |
| 2004-2008 | The University of Sydney |
| 1999-2004 | Charles Sturt University |
| 1996-2000 | The University of Adelaide |
| 1989-1996 | The University of South Australia |
| 1985-1989 | Parafield Gardens Community Club |

PROGRAMMING

Python 2.7-3.9, Django 1.3-3.1

Wagtail

REST API

Javascript, Vue

Git, Mercurial, SVN, CVS

Rackspace, AWS, Digital Ocean

Mysql, Postgres

Python TestCase, Selenium

Jenkins, Ansible, Saltstack

AWS S3 Cloudfront EC2

Linux/Unix/Minix/Solaris

Vagrant, Docker

Tailwind, Bootstrap

C, C++, SWIG, numpy, scipy



ABILITIES, CONCEPTS

Authentication/Authorization

DevOps

Localization

Agile

Mentor/Instructor

Resource Optimization

Linear Algebra

Differential Equations

EDUCATION

BSc Hons Computer Science/Applied Mathematics

University of Adelaide

📅 Jan 1994 – Dec 1998 📍 Adelaide, Australia

Supervisors: Prof Peter Taylor and Prof Nigel Bean

- Matrix Analytic Methods
- Level Dependent Quasi Birth Death Processes
- Computer Vision

SOFT SKILLS

Project Management

Quick Touch Typing

Organisation

Multi Tasking

LANGUAGES

English

Cantonese, *Learning*



REFERENCES

- Several available upon request.