

Work Experience

Site Reliability Engineer, 25sprout LLC (June 2019 - Feb 2025)

- Operated and maintained SurveyCake and client websites across multiple environments using tools like monit, CloudWatch and Grafana.
- Optimized SurveyCake's CI/CD deployment flow, reducing average deploy time by ~80%
- Created reusable GitLab CI/CD templates, projects can import the template and set up by a single configuration file, eliminating per-project rewrites and reducing maintenance effort.
- Build infrastructure and deployment processes for clients with special requirements across on-prem, VPS, and AWS/GCP/Azure.
- Planned and executed the production major upgrade for the SurveyCake which includes an infrastructure migration.
- Built a pre-render system so bots/crawlers can fetch metadata and content from SPA sites, improving SEO/link previews.
- Authored Apache JMeter load tests to validate capacity against anticipated traffic and establish performance baselines.
- Introduced HashiCorp Vault to centralize secrets and credentials, reducing secrets exposure to employees that should not have the permission to read.

Linux Server Assistant Engineer, TS CLOUD PTE. LTD. (November 2018 - May 2019)

- Maintained and supported websites on GCP
- Prototyped internal apps with Google App Maker to digitize simple approval/request workflows
- Built automations with Google Apps Script to reduce manual daily routine jobs

Control Engineer, Reciprocal PHI Design Inc (April 2018 - November 2018)

- Developed process-control logic on Allen-Bradley CompactLogix PLCs

Education

National Central University; Zhongli, Taiwan Bachelor of Mechanical Engineering (2017)	TOEIC: 970/990
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Skills

- Language: **Shell Script, Golang**, C, Python
- AWS: EC2, ECS, S3, Lambda, API Gateway, VPC, IAM, SQS, CloudFormation, RDS, ElastiCache, ElasticBeanstalk, CloudWatch etc.
- Database System: MySQL, PostgreSQL
- Miscellaneous: Linux, Docker, Git, GCP, Azure, Kubernetes, Terraform

Side Projects

- Site renderer written in Go to fetch site content using automated browser to achieve site render system. [↗](#)
- Markdown to HTML converter written in C programming language [↗](#)
- Automated scripts for quick setup and update on my daily Linux machine [↗](#)