

ZEN DODD

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PROFESSIONAL SUMMARY

Early-career SRE, cloud infrastructure and security practitioner focused on reliability, automation and secure cloud-native service delivery. Hands-on experience across AWS infrastructure, Linux/Windows systems, Microsoft identity, incident recovery, CI checks, open-source infrastructure maintainership and technical documentation. Caddy and RsyncProject maintainer, Planwright developer, ISC2 Certified in Cybersecurity and WorldSkills Australia Cloud Computing Regional Gold Medallist.

CORE STRENGTHS

- Cloud reliability: AWS VPC, EC2, S3, RDS, ALB, Auto Scaling, CloudFront, IAM, availability and recovery
- Linux/Windows operations: DNS, TLS, cPanel, web hosting, logs, endpoint issues and service troubleshooting
- Cloud exposure: Kubernetes, EKS/AKS-style patterns, manifests, service relationships and deployment docs
- Reliability and security: incident recovery, hardening, HTTPS/TLS, reverse proxies, triage and vulnerability/security disclosure
- Automation and code: Go, Python, PowerShell, Bash, C, Git, GitHub Actions, CI checks and scripts
- Azure identity: Entra ID, Microsoft 365, account lifecycle, permissions, access changes and identity remediation
- IaC and review: Terraform/OpenTofu artefacts, YAML/JSON, diagrams, reports and deployment evidence
- Technical communication: runbooks, self-service docs, migration plans, risk notes and stakeholder updates

EXPERIENCE

Independent Technical Work, Open Source, and Writing | Brisbane, QLD | Jan 2026 - Present

- Maintain and contribute to the Caddy web server project, a widely used Go-based web server and reverse proxy, shipping correctness-focused work across TLS/SNI behaviour, Caddyfile semantics, reverse proxy configuration, admin/logging behaviour, auth placeholder handling, dependency maintenance and regression coverage.
- Built Planwright, a Go-based local-first infrastructure planning engine that turns typed plans and selected IaC artefacts into architecture graphs, validation output, security notes, cost notes, Mermaid diagrams and Terraform/OpenTofu-oriented review packs; v0.12.1 shipped with an AWS web application proof path.
- Developed Waystone, a local-first CLI for portable Git project history; v0.2.0 includes multi-forge import, strict verification, archive export/import, migration plans and structured loss reports for preserving migration context.
- Maintain and contribute to rsync as a RsyncProject maintainer, with public work across C/Unix behaviour fixes, build/install correctness, documentation, regression tests and security-sensitive maintenance processes.
- Conduct responsible disclosure work, including a Microsoft-confirmed and patched vulnerability, CVE-2026-33825, with attention to evidence, scope control and coordinated disclosure.
- Publish technical writing and project documentation on reliability, infrastructure, standards, trust boundaries and engineering trade-offs, translating implementation details into practical guidance for operators and maintainers.

onPlatinum ICT - Technical Support | Gold Coast, QLD | Jul 2024 - Jan 2026

- Provided technical support across Windows client environments, Linux/hosting systems, Microsoft 365, Entra ID, Active Directory, cPanel, DNS, web hosting and cloud-adjacent services, including ticket documentation and escalation handover.
- Supported Active Directory remediation and restructuring by assisting with account lifecycle work, group/access changes, identity cleanup, permissions troubleshooting and Group Policy-related support.
- Assisted with cPanel and AWS S3 incident recovery, including containment, data restoration, rebuild/migration support, credential hardening, access review and restoration of service availability.
- Troubleshot endpoint, browser, email, permissions, hosting, backup, storage and network issues by inspecting logs, service configuration, DNS/TLS state and user/client impact before escalating or resolving.
- Used PowerShell, Bash, Python, CLI tools and operational checks to inspect faults, reduce manual troubleshooting and support repeatable recovery or handover steps.
- Worked across L1-L3-adjacent responsibilities in a small MSP-style environment, gaining exposure to real client urgency, inherited systems, imperfect documentation and reliability/security trade-offs.

SELECTED TECHNICAL WORK

Caddy - Maintainer and contributor for the Caddy web server project. Recent work includes TLS/SNI and IDN handling, Caddyfile TLS issuer semantics, IPv6-only startup behaviour, auth placeholder handling, dependency updates and regression coverage.

Planwright - Local-first SRE/infrastructure planning engine in Go for typed plans, selected IaC artefacts, architecture graphs, validation, security/cost notes, Mermaid diagrams and Terraform/OpenTofu-oriented review packs; v0.12.1 released with an AWS web application proof path.

rsync - RsyncProject maintainer and contributor with merged C/Unix infrastructure fixes for daemon delete stats, out-of-tree manpage installation and --update behaviour across file-type changes; focus on narrow, tested, maintainer-friendly patches and security-sensitive maintenance.

WorldSkills Cloud Computing - Gold Medallist, 1st place, 95/100; demonstrated (3-hour) timed AWS infrastructure delivery, documentation, troubleshooting and service design under competition conditions.

CVE-2026-33825 - Microsoft security vulnerability report confirmed and patched through coordinated disclosure; evidence handled through a scoped and non-disruptive reporting process.

steadytao.com - Technical writing and project portfolio covering infrastructure, security, privacy, trust boundaries, standards and open-source engineering trade-offs.

TECHNICAL SKILLS IN PRACTICE

- **AWS infrastructure** - Designed, reviewed and recovered small service environments involving VPCs, subnets, routing, security groups, EC2, S3, RDS, ALB, Auto Scaling, CloudFront, IAM, backups and service restoration through WorldSkills preparation, Planwright and incident recovery work.
- **Azure / Microsoft cloud** - Worked with Entra ID and Microsoft 365 identity/access administration, including account lifecycle, permissions, access changes and identity remediation alongside Active Directory and Group Policy.
- **Kubernetes / cloud-native** - Exposure to EKS/AKS-style platform concepts through WorldSkills preparation and Planwright; familiar with manifests, services, gateway/policy concepts and deployment documentation.
- **SRE and reliability** - Investigate failures through reproduction, logs, expected behaviour and regression tests; prioritise availability, clear rollback/recovery notes and operator-facing documentation.
- **Automation and CI** - Use Go for infrastructure tooling, Python, PowerShell and Bash for operational scripting, Git and GitHub Actions for CI/release workflows and C for small Unix systems patches and review.
- **Security practice** - Scope faults before fixes, distinguish evidence from inference, write reproducible reports, preserve user/client context and avoid overstated claims in disclosure and infrastructure review.

CERTIFICATIONS, AWARDS & DEVELOPMENT

- ISC2 - Certified in Cybersecurity (CC)

- WorldSkills Australia Cloud Computing Regional 2026 - Gold Medallist, 1st place, 95/100
- WorldSkills Australia Cyber Security Regional 2026 - planned August 2026

- 22603VIC Certificate IV in Cyber Security - enrolled, Virtual Delivery (TQN), 2026-2027
- BSB30220 Certificate III in Entrepreneurship and New Business
- FSK20119 Certificate II in Skills for Work and Vocational Pathways

- Cambodia International Service Project 2024
 - School Leader 2025, The Industry School

Referees and references available upon request
Resume updated regularly. Latest version: steadytao.com/cv