



# PASINDU DISSANAYAKA

Full Stack DevOps & Systems Administrator



## WORK EXPERINCE

### FULL STACK DEVELOPER & AUTOMATION ENGINEER

Freelance & Personal 2015 - Present

- ★ Manage multiple servers (The Sentinel, The Oracle, The Colossus) for web hosting, data storage, shared services and self-hosted AI services.
- ★ Set up Docker-based local and cloud development environments using DevContainers and SSH tunneling. Optimized network infrastructure with PfSense and PiHole for security and ad-blocking across all home devices.
- ★ Developed Web Apps, Workflow Automations and AI Agents, some of which, are published on my website (pasindudissan.xyz)

### CHIEF TECHNICAL OFFICER

Northwood Consulting Apr 2023 - Present

- ★ Oversee architecture decisions and define overall technology strategies for building unique enterprise solutions and AI/ML integrations.
- ★ Evaluate and adopt emerging technologies (AI/ML frameworks, cloud platforms) while ensuring security, compliance, and data privacy (especially for international clients).
- ★ Lead R&D efforts, particularly for new AI capabilities in ERP solutions. And managing budgets, vendor relationships, and long-term tech investments.

### SENIOR DEVELOPER & TECH LEAD

Northwood Consulting Apr 2017 - Apr 2023

#### Tech Lead:

- ★ Translate high-level strategies into technical roadmaps and Lead development teams on ERP customizations and AI-driven features.
- ★ Ensure best practices in code quality, architecture, and deployment (CI/CD) while managing timelines, sprints, and task distribution across teams.
- ★ Act as a bridge between developers and upper management. Conducting code reviews and mentor developers on complex implementations.

#### Senior Developer:

- ★ Build and optimize PHP modules (backend, frontend, and API layers) with AI/ML model (predictive analytics, automation, etc.) intergrations.
- ★ Built an entire AI framework with Workflow Automation capabilities to run on

### CLOUD SYSTEMS ADMINSTRATOR

Anika Digital Jun 2020 - Present

#### Server & Hosting Management:

- ★ Manage Bare-metal, VPS & Shared Hosting running WHM and cPanel for hosting environments (account setup, security, firewalls, backups).
- ★ Optimize server performance (resource allocation, load balancing, caching strategies).
- ★ Implement and manage DNS records via Cloudflare for global reach and redundancy.

#### Cloudflare Management:

- ★ Configure Caching policies to improve website speed and reduce server load.
- ★ Set up and manage Web Application Firewall (WAF) to protect against DDoS and malicious traffic.
- ★ Implement SSL/TLS encryption and security best practices through Cloudflare.

#### CMS & Application Management:

- ★ Oversee WordPress instances, including theme/plugin management, security patches, and performance tuning.
- ★ Automate updates and backup processes for WordPress sites.
- ★ Troubleshoot complex issues (database crashes, plugin conflicts, etc.).

#### Security & Compliance:

- ★ Monitor server security (firewalls, brute-force protection, malware scans).
- ★ Ensure compliance with data privacy laws (especially for international clients: Australia, UK, US).
- ★ Manage SSL certificates and secure data flows across platforms.

#### Technical Support (L3/L4):

- ★ Handle escalated support tickets, tackling deep server-level issues and network complexities.
- ★ Diagnose and resolve complex hosting, DNS, and server performance issues.
- ★ Liaise with external vendors (hosting providers, Cloudflare) for advanced troubleshooting.
- ★ Document recurring issues and propose long-term solutions to reduce future incidents.

## ABOUT ME

Versatile PHP Developer and Systems Administrator with a strong background in web development, server management and network infrastructure.

Skilled in building scalable web apps using PHP (Pure PHP, LeafPHP, Laravel) and modern frontend frameworks (Bootstrap, Tailwind). Proficient in managing Linux-based servers, cloud infrastructures, Docker environments, and network security.

Adept at combining coding and systems expertise to optimize performance, security, and reliability.

## CONTACT ME

244/3/B, Ragama Road, Kadawatha, Sri Lanka

pasindudissan.xyz

(94) 760-149595  
(94) 778-488882 (Emergency)

## MY SKILLS

PHP, MySQL, HTML5, CSS (Tailwind, Bootstrap)

Python, React Native. Linux (Debian, RedHat),

Git, Kubernetes, Docker, CI/CD, SSH Tunneling,

Cloud Providers (AWS, GCP, Linode, DigitalOcean)

ZeroTrust Tunneling, Private Proxies, VPNs &

Firewalls, GitLab (Self-Hosted Git), GitHub,

Proxmox, Android & Application Automation

NTFY (Self-hosted Messaging), Custom LLMs



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## WORK EXPERINCE

### CHIEF INFORMATION SECURITY OFFICER

Gower Solutions Jul 2014-Feb 2015

#### Strategic Security Leadership:

- ★ Appointed as the first CISO to establish the company's cybersecurity framework.
- ★ Developed and implemented HIPAA and DPA-compliant security policies and protocols.
- ★ Conducted comprehensive risk assessments to identify vulnerabilities in systems handling sensitive healthcare data.
- ★ Created incident response plans and data breach protocols aligned with regulatory standards.

#### Infrastructure & Network Security:

- ★ Designed and deployed a work VPN for remote employees, ensuring secure data access via office-issued laptops.
- ★ Managed endpoint security strategies, including encryption, firewalls, and access control policies.
- ★ Implemented multi-factor authentication (MFA) and secure tunneling for sensitive data handling.

#### Auditing & Compliance:

- ★ Built a full-scale hardware and software auditing system using:
- ★ Spiceworks for IT asset management and inventory tracking. Wireshark for network packet analysis and traffic monitoring. Nessus for vulnerability scanning and compliance checks.
- ★ Conducted regular security audits and penetration tests to ensure ongoing compliance with healthcare data protection laws.

#### Team Training & Awareness:

- ★ Developed employee training programs on data privacy, phishing prevention, and secure remote work practices.
- ★ Educated technical staff on maintaining compliance with HIPAA/DPA standards.

### NETWORK MANAGER

Glitz Park Jul 2013-Feb 2014

- ★ Supported management by identifying and implementing computer-based solutions to improve operational efficiency.
- ★ Trained non-IT staff on new software, tools, and IT best practices to ensure smooth technology adoption.
- ★ Managed IT budgeting and monitored expenses, ensuring cost-effective procurement and maintenance.
- ★ Coordinated with upper management and the accounting team to align IT investments with business goals.
- ★ Handled day-to-day IT operations, including troubleshooting, system maintenance, and vendor management.



## EDUCATION

### MASTER DEGREE IN DATA SCIENCE

European International University Currently in progress

### BACHELOR OF SCIENCE IN DATA SCIENCE

European International University 2023 - 2024

### BACHELORS IN COMPUTER SCIENCE

British Computer Society 2015 - 2018

### WINDOWS SERVER ADMINISTRATION

WinSYS Networks 2017

### CISCO CERTIFIED NETWORK ADMINISTRATION

WinSYS Networks 2014