

# Vishwa R

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## Experience

### Hyper Ready Technology

Coimbatore

Full-Stack Developer

FEB 2025 – Present

- Built and deployed a custom Frappe app for a jewelry business, handling weight-based stock tracking and dynamic pricing structures.
- Customized ERPNext modules using JS client scripts, Python server scripts, and Print Format Builders.

### Nxweb

Coimbatore

Site Reliability Engineer

DEC 2022 – DEC 2024

- Managed infrastructure using Hetzner, DigitalOcean, Terraform, and Ansible, optimized cost by 20%.
- Automated monitoring and alerting using Prometheus, Grafana, and Telegram-based alert manager.
- Resolved 95% of server issues in under 30 minutes; maintained 99.9% uptime for client platforms.

### Freelancer

SEP 2022 – Present

- Implemented ERPNext for clients in Manufacturing and HRMS domains, including custom modules, role hierarchies, and biometric (ZKTeco) integrations.
- Migrated legacy HR data, created custom Doctypes, automated workflows, and built print formats.
- Conducted client training, reducing post-deployment support needs by over 40%.

## Projects

### Frappe Installation Script

- Automated Frappe Bench setup including Node.js, Yarn, Python, and MariaDB installation.
- Enabled interactive configuration prompts for seamless developer onboarding.
- Boosted productivity by eliminating manual setup and reducing onboarding time.

### IDP for ERP Next Developers

- Built a custom Internal Developer Platform to help Frappe developers spin up local environments independently.
- Used Docker Compose to provision Frappe, Redis, MariaDB, and supporting services.
- Set up a CI/CD pipeline with GitHub Actions to build and publish Docker images daily to GHCR.
- Reduced SRE dependency, cut infrastructure costs, and accelerated development workflows.

## Skills

Hetzner, Digital Ocean, AWS, Ansible, Docker, Terraform, Kubernetes, Grafana, Prometheus, Python, JavaScript, OOP, MariaDB

## Education

### Sree Sevugan Annamalai College

Devakottai

Bachelor of Science in Computer Science

JUL 2018 – MAR 2021