

# Vetri Suriya R

## AWS & DevOps Engineer

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AWS-focused DevOps Engineer with a strong foundation in WordPress and PHP full-stack development. Experienced in building CI/CD pipelines, containerizing applications, and deploying scalable cloud infrastructure on AWS. Passionate about automation, infrastructure as code, and delivering secure, high-performance production systems.

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## Experience

### ● *Senior WordPress Developer | Cloud & DevOps Engineer*

BlockWoods Marketing Management (Jan 2024 – Feb 2025)

- Designed and developed fully custom **WordPress** solutions (traditional and headless) with high performance, responsiveness, and SEO optimization.
- Built and customized **WordPress themes, plugins, Elementor widgets, CPTs, and ACF-based** dynamic content systems.
- Architected **Headless WordPress CMS** using **REST API** and **GraphQL** with decoupled frontends in **React** and **Angular**.
- Developed scalable full-stack applications using **PHP, JavaScript, React, Angular, and Node.js**.
- Created and integrated **RESTful APIs** with **WordPress** and **Node.js** for external service communication.
- Deployed and managed applications on **AWS EC2** with **Linux** server configuration for production environments.
- Managed storage, backups, and snapshots using **Amazon S3** and **Amazon EBS**.
- Configured DNS and CDN using **Route 53** and **CloudFront**.
- Implemented **CI/CD pipelines** using **Git, Jenkins, and GitHub Actions** for automated deployments.
- Containerized applications using **Docker** and monitored systems using **CloudWatch** and **Grafana**.
- Improved page load time by 35% and increased Lighthouse score to 90+.
- Led end-to-end project lifecycle from development to production support.

### ● *PHP Developer | Backend Engineer | DevOps & Cloud Exposure*

Shrav Infotech (Feb 2022 – Feb 2023)

- Built and maintained scalable backend systems using **Core PHP** following modern coding standards.
- Developed MVC-based web applications using **CodeIgniter** with clean and modular architecture.
- Implemented **Smarty Template Engine** for proper separation of business logic and presentation.
- Designed and optimized **MySQL** databases using indexing, normalization, and query tuning.
- Migrated legacy applications to **PHP 8**, improving performance and maintainability.
- Optimized backend logic and SQL queries to enhance application performance and response time.
- Applied secure coding practices to prevent **SQL Injection**, **XSS**, and session vulnerabilities.
- Used **Git** for version control, collaboration, and release management.
- Deployed and maintained applications on **Linux servers** with exposure to **AWS environments**.
- Supported **CI/CD pipelines** using **Git workflows** and **Jenkins** automation.
- Monitored production issues using server logs and basic monitoring tools to improve stability.

### ● *Software Developer*

#### S10 Healthcare Solutions Private Limited (Aug 2018 – Sep 2021)

- Developed internal **CMS web applications** to manage multi-organization workflows on a unified platform.
- Built responsive, cross-browser UIs using **HTML5**, **CSS3**, **Bootstrap**, and **JavaScript** following W3C and UI/UX standards.
- Created custom **Chrome Extensions** to enhance internal tool productivity.
- Integrated backend systems and **APIs** to enable dynamic, data-driven user interfaces.
- Implemented real-time data visualizations using **D3.js**, **Chart.js**, and **jQuery**.
- Debugged and resolved full-stack issues to improve application performance and stability.
- Contributed to software design, architecture, and requirement analysis for complex systems.
- Maintained technical documentation and internal knowledge base.
- Used **Git** for version control, team collaboration, and release management.
- Worked in an **Agile environment**, managing multiple projects with evolving priorities.

### ● *Web Developer*

#### Redback IT Solutions Private Limited (Oct 2017 – June 2018)

- Designed and developed internal **CRM** and **HRM applications** to automate workflows and reduce operational costs.
- Built and deployed marketing emails, landing pages, and **WordPress** websites aligned with branding and conversion goals.
- Applied **SEO best practices** to improve search engine visibility and rankings.
- Developed fully responsive, cross-browser websites using **HTML5**, **CSS3**, **Bootstrap**, and **JavaScript**.
- Maintained multiple web projects, ensuring timely updates and smooth deployments.
- Worked directly with clients from requirement gathering to final delivery.

- Used **Git** for version control and team collaboration.

## Education

- **BE (Computer Science and Engineering)**

Ganadipathy Tulsi's Jain Engineering College, Vellore (2013 – 2017)

## Skills

- AWS (EC2, EBS, AMI, Auto Scaling, ELB, S3, CloudFront, IAM, Route 53, VPC, RDS, DynamoDB, Lambda, CloudWatch, CloudTrail, EventBridge, CloudFormation, ECR, EKS) • Docker • Kubernetes • Terraform • Ansible • CI/CD (Jenkins, GitHub Actions) • Linux Administration • Git • Prometheus • Grafana • Splunk • Logging & Alerting • Performance Monitoring • Container Orchestration • Infrastructure as Code (IaC) • PHP (Core, OOP, PHP 7 & 8) • WordPress Development • Custom Theme & Plugin Development • CodeIgniter • JavaScript • React • Angular • HTML5 • CSS3 • Bootstrap • MySQL • REST APIs • Page Speed Optimization • SEO Best Practices • Cron Jobs • PHPUnit • Xdebug

## Communication

- Tamil (Speak & Write)
- English (Speak & Write)

## Portfolios

Profile: <https://www.vetrisuriya.in>

Projects: <https://projects.vetrisuriya.in>

LinkedIn: <https://www.linkedin.com/in/vetrisuriya>

GitHub: <https://github.com/vetrisuriya>