SRIRANJAN KAPILAN *SOFTWARE ENGINEER*

✉ sriranjankapilan@gmail.com

📍 904/4A K.K.S Road, Jaffna

⧉ Kapilan1998

🔗 Kapilan

📞 +94774740186

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Profile

Backend and DevOps Engineer focused on building robust Spring Boot microservices and scalable distributed architectures. Expert in containerization (Docker), CI/CD automation (Jenkins) and cloud infrastructure management (Hetzner). Proficient in Infrastructure as Code (Ansible), system monitoring (Checkmk) and Linux system administration, including VM management and scheduled maintenance. Dedicated to automating operational workflows for high performance, reliable systems.

Education

2019 – 2023	**B.Sc(Hons) in Computer Science and Technology** *Uva Wellassa University of Sri Lanka*

Professional Experience

2025/01 – Present

HomeIt System
Software Engineer
- Designed and implemented secure Spring Boot applications with encrypted data storage to Hetzner S3 using advanced cryptographic algorithms.
- Automated infrastructure and managed container deployments using Docker and Ansible.
- Built and maintained CI/CD pipelines with Jenkins and Dokploy.
- Managed cloud networking, DNS and security via Nginx, Cloudflare and HAProxy.
- Implemented monitoring and alerting systems with Checkmk.
- Managed and maintained Linux VMs with scheduled maintenance tasks.

2023/10 – 2025/01

CodeLantic Pvt Ltd
Associate Software Engineer
Business Operations Platform
- A web based retail management system integrating finance, compliance and user operations.
- Key features included shift/payroll management, employee tracking and stock control.
- Built with Java 17, Spring Boot, MySQL, and a microservices architecture using Spring Cloud Gateway and Spring Data JPA.

Real Estate Management Platform
- Platform for property transactions, featuring two factor authentication, KPI dashboards, and property search. Enhanced user experience with loan comparisons, agent searches, FAQ modules, and automated reporting.

- Developed using Java 17, Spring Boot, MySQL, MongoDB, and microservices.

2023/03 – 2023/09   **CodeLantic Pvt Ltd**
Software Engineer - Trainee
Currency Exchange Platform (Fintech Domain)
- Secure currency exchange platform enabling users to buy/sell currencies and manage transactions, 2FA enhanced security with an admin panel for activity monitoring, rate adjustments, and reporting.
- Built with Java 8, Spring Boot, MySQL, and a microservices architecture using Hibernate, API Gateway, and Flyway.

Technology & Tools

Languages
- Java
- JavaScript
- Python

Front-End Technologies
- HTML 5
- CSS 3
- Bootstrap 5, Tailwind CSS
- React

Tools
- Git (GitHub, GitLab, Bitbucket)
- Postman
- SonarQube
- JUnit
- Jaspersoft studio
- Streamlit cloud
- Jira
- Proxmox

Skills
- Problem-solving skills
- Time Management
- Adaptability
- Verbal & Written Communication

Frameworks
- Spring Boot
- Node js
- Flask

DevOps & Cloud Technologies
- Linux
- Docker
- Jenkins
- Kubernetes
- Hetzner
- AWS
- Prometheus
- Grafana
- Checkmk
- Ansible
- Cloudflare
- HA Proxy

Databases
- MySQL
- MongoDB
- PostgreSQL

References

Mr. S. Thavananthan, *Full stack Software Engineer,* Wiley
nthava07@gmail.com, +94779304653

Dr. K.P.P.S Pathirana, *Senior Lecturer,* Uva Wellassa University
suneth@uwu.ac.lk, + 94777170040