Yashod Jayathilaka Software Engineer

(070) 253-9675 | yashjayathilaka12@gmail.com | https://www.linkedin.com/in/yashodjayathilaka |
https://github.com/YashodMahela | *Badulla, Sri Lanka — Willing to relocate for on-site/hybrid roles*

PROFESSIONAL SUMMARY

Highly motivated Full-Stack Developer with 3+ years of experience, currently serving as a Visiting Lecturer in System & Network Administration at the University of Colombo School of Computing (UCSC). Proven track record of architecting and deploying scalable, high-availability systems for government and commercial clients, including a platform processing 2000+ real-time incidents per cycle. Experienced in leading and mentoring cross-functional teams of 9+ members. Expertise in Laravel, ReactJS, and API optimization.

TECHNICAL SKILLS

- **Programming & Frameworks:** Laravel, ReactJS, Node.js, ExpressJS, JavaScript, TypeScript, PHP
- **Databases:** MySQL, MongoDB
- **Web Technologies:** RESTful APIs, TailwindCSS, WebSockets, Redis, Responsive Design
- **Tools & Platforms:** GitHub, Bitbucket, Jira, Postman, Clerk Auth, Stripe API, Vercel, FilamentV3
- **Methodologies:** Agile, Scrum

WORK EXPERIENCE

Visiting Lecturer (Part-Time) *University of Colombo School of Computing (UCSC) | Colombo, Sri Lanka (Jun 2025 - Present)*

- Teach the "System and Network Administration" module to Bachelor of Information Technology undergraduates.
- Develop curriculum, lab practicals, and examinations focused on Linux systems, virtualization, and networking.

Software Engineer *Coderay Technologies | Badulla, Sri Lanka (Mar 2022 - May 2025)*

- Led and mentored cross-functional development teams of 9+ members including 6 junior developers, delivering 3+ enterprise-grade projects on time using Agile/Scrum methodologies.
- Architected and deployed the **DIRAS** election monitoring platform using Laravel, processing 2000+ real-time incidents per election cycle and supporting 200+ concurrent field monitors.
- Architected **JothishyaLK**, an astrological consultation marketplace, with role-based access control and a dual-dashboard system using Laravel 10, FilamentV3, and Stripe API.
- Engineered high-performance RESTful APIs handling 1000+ daily requests, achieving 40% response time optimization through query optimization and caching.
- Served as Scrum Master for 3 product teams, improving team velocity by 25%.
- Developed responsive front-end interfaces using TailwindCSS for government and commercial clients.

KEY PROJECTS

JothishyaLK - Astrological Consultation Marketplace (2024-2025)

Role: Full-Stack Developer (Coderay Technologies Project)

- Architected a dual-dashboard system with role-based access control using Laravel 10 and MySQL.
- Enabled astrologers to manage schedules, pricing, and consultation history while clients track bookings.
- **Tech Stack:** Laravel 10, PHP 8.2, MySQL, RESTful APIs, Stripe API, Chart.js, BitBucket, FilamentV3.

Trend Tide - Personal E-Commerce Platform (2025)

Role: Solo Full-Stack Developer (Personal MERN Stack Project)

- Developed a full-stack e-commerce platform with a modern, responsive UI/UX and dynamic product catalog.
- Implemented secure user authentication using Clerk and integrated the Stripe payment gateway.
- **Tech Stack:** ReactJS, MongoDB, ExpressJS, TailwindCSS, TypeScript, Stripe API, Clerk Auth.

DIRAS - Election Incident Monitoring System (2023-2024)

Role: Full-Stack Software Engineer (Client: Centre for Monitoring Election Violence - CMEV)

- Developed a real-time reporting system managing 2000+ incidents per election with geospatial mapping features.
- **Tech Stack:** Laravel 10, PHP 8.2, MySQL, RESTful APIs, WebSockets, Redis, Chart.js, Tailwind CSS, BitBucket.

Chanda Salli Meeter - Campaign Finance Tracker (Jan 2024-Aug 2024)

Role: Full-Stack Software Engineer (Client: Transparency International Sri Lanka)

- Built a secure data collection and real-time expense tracking system for 2024 election candidates.
- **Tech Stack:** Laravel 10, PHP 8.2, JavaScript, RESTful APIs, Chart.js, SQLite, FilamentV3, Tailwind CSS.

EDUCATION & CERTIFICATIONS

Bachelor of Information Technology (2019-2022) University of Colombo School of Computing

- *Relevant Coursework: Java, Web Technologies, Database Design (Oracle SQL), Linux Systems Administration*

Full-stack Engineer Certification (MERN Stack) (2025) Stemlink Professional Certification

---

LEADERSHIP & VOLUNTEERING

Programs Organizer (2023-2024) Uva Startup Hub | Badulla, Sri Lanka

- Organized startup events and mentorship programs for emerging entrepreneurs.

REFERENCES

R.M Malsha Nimhani Perera
0717058888
nimha0910@gmail.com
Senior User Education Specialist
IFS R&D International Private Limited

Sritharan Thiyagarajah
0764281936
sk.sritharan75@gmail.com
Fullstack Developer
Maytech Holdings Pty Ltd