

# Jerome Thayananthajothy

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Full Stack JavaScript/PHP Developer with 8+ years of experience building scalable web applications and 2+ years of team leadership. Expertise in modern JavaScript frameworks (Vue.js, React.js, Node.js) and PHP/Laravel ecosystems. Proven track record of modernising legacy systems and implementing cloud-native solutions using AWS and Docker. Demonstrated success leading both large (10+) and small teams while maintaining high code quality standards across JavaScript and PHP codebases.

## EXPERIENCE

### Full Stack Engineer

Jul 2023 - Present

NetWatch Global Ltd, Birmingham, UK

- Architected and deployed a microservices-based applications using Express.js and another unifying platform using Laravel and Vue.js, handling 100K+ daily users
- Led modernization of a legacy PHP system to a modern TypeScript/Node.js architecture, improving performance by 40%
- Implemented full-stack engineering standards across JavaScript and PHP codebases, reducing technical debt by 30%
- Designed efficient data layer using TypeScript, optimising operations across AWS DynamoDB and PostgreSQL

### Senior Software Engineer

Jun 2021 - Nov 2022

MacroActive Ltd, Colombo, Sri Lanka

- Led development of three major full-stack applications using React.js, Node.js, and Laravel
- Established modern JavaScript development practices, including TypeScript adoption and testing standards
- Mentored junior developers in JavaScript best practices and modern PHP development
- Architected scalable solutions using MongoDB and AWS DynamoDB for high-traffic applications

### Software Engineer

Apr 2019 - Jul 2020

Elegant Media Australia, Colombo, Sri Lanka

- Developed full-stack applications using Node.js/Express.js and Laravel
- Implemented React.js frontends for legacy PHP applications
- Led migration from traditional PHP architectures to modern JavaScript frameworks

### Software Engineer

Jan 2018 - Mar 2019

Seven's Idea, Colombo, Sri Lanka

- Built modern web applications using Vue.js and Laravel
- Implemented company-wide JavaScript testing standards
- Developed RESTful APIs using Node.js and Express.js

### Software Engineer

Jun 2015 - Jan 2018

Alta Vision Solar Ltd, Colombo, Sri Lanka

- Responsible for all marketing material for the company and for all client projects received.
- Designed, developed, tested and deployed multiple Laravel projects and WordPress websites.
- In charge of the Graphic design projects.

## EDUCATION

### Bachelor of Science (B.S.) - Computer Systems Engineering

University of Sunderland, Sunderland, United Kingdom

Sep 2022 - Jun 2023

### Higher National Diploma - Software Engineering

International College of Business and Technology, Colombo, Sri Lanka

Aug 2020 - Mar 2022

### Graduate Diploma - Telecommunications Engineering

Institution of Engineers Sri Lanka College of Engineering, Colombo, Sri Lanka

Feb 2015 - Mar 2019

## OPEN SOURCE PROJECTS

### Fetch PHP (+300 Stars) | Creator & Maintainer

- Modern HTTP client library bringing JavaScript's Fetch API elegance to PHP
- Adopted by multiple enterprise companies for its simplicity and reliability
- Active community with regular contributions and feature updates

### Laravel Filterable (+160 Stars) | Creator & Maintainer

- Enhanced query filtering system for Laravel with intelligent caching
- Improved application performance by up to 40% in high-traffic scenarios
- Used by thousands of Laravel developers worldwide

### Comet (+130 Stars) | Creator & Maintainer

- Cross-platform Electron.js desktop application for media conversion
- Built with TypeScript and Vue.js, leveraging FFmpeg for processing
- Simplified media conversion workflow for content creators

### Matrix PHP (+30 Stars) | Creator & Maintainer

- Modern asynchronous task management library for PHP
- Implemented JavaScript-style async patterns using PHP Fiber
- Pioneered new approaches to PHP concurrency handling

More at: <https://github.com/Thavarshan>

## TECHNICAL SKILLS

**Frontend:** React.js, Vue.js, TypeScript, JavaScript (ES6+), TailwindCSS, HTML5, CSS3

**Backend:** Node.js, Express.js, NestJS, Electron.js, Adonis.js, PHP, Laravel, Symfony

**Databases:** MongoDB, PostgreSQL, MySQL, DynamoDB, Apache Cassandra, Firebase

**Cloud & DevOps:** AWS, Docker, CI/CD, Git

**Architecture:** Microservices, API Design, System Architecture, Event-Driven Design

## VOLUNTEER

### Student Ambassador

IEEE

Apr 2015 - Jun 2016