



VIPULA S ANANDAPIYA

ENGINEER / CONSULTANT / LECTURER

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SUMMARY

I am Vipula S. Anandapiya, a seasoned engineer, consultant, and lecturer with a strong software development and technology background. With nearly 20 years of experience in the field, I have had the privilege of working on diverse projects and contributing to the growth of various organisations.

Worked as a Tech Lead/CTO at a European-based Laravel and open-source software development solutions provider. I played a crucial role in building high-availability applications and successfully delivering projects across Sri Lanka, the USA, Australia, and Europe.

Throughout my career, I have worked in multiple industries, including Corporate ERP, Medical, Sports, E-Commerce, Affiliate Marketing, Education (LMS & IMS), and Engineering, gaining valuable expertise in each domain.

WORK EXPERIENCE

NEURALED

2024 - CURRENT

Doctorate Research

Developing a neural network-powered Smart Learning and Information Management System, based on my Doctorate research project, to deliver personalised and engaging learning experiences for students and teachers.

Technical Lead / CTO

I lead the strategic direction of the organisation's technology initiatives, driving innovation and efficiency across all operations. I am responsible for implementing cutting-edge solutions that enhance business performance and foster growth.

My role includes overseeing product development, managing IT infrastructure, and ensuring robust cybersecurity measures. I drive digital transformation by collaborating with cross-functional teams, aligning technology with business objectives, and optimizing resources to maintain a competitive edge in a dynamic market.

Committed to excellence, I contribute to the company's success by delivering exceptional services and products.

Technology Stack

Application Frameworks & Tools

- Laravel / Drupal / Wordpress
- TALL Stack / Filament
- InertiaJs / Vue.js / htmx
- React.js / ReactNative
- Route 53 / CloudFlare
- AWS EC2 / S3 / RDS / SQS / SES / SNS / CloudWatch
- Hetzner / DigitalOcean / GCP / Azure
- Mailgun / Twilio / Sendgrid
- Forge / Envoyer / Flare.io / Ohdear / Horizon / Octane / Vapor / Nova / Scout / Pennant

BWS WEB SERVICES

EUROKOM SPRL

(BELGIUM)

2019 - 2024

- PHPStan / PHPUnit / PEST
- Tailwind / Livewire 2 / Livewire 3 / Breeze / Jetstream / Fortify / Passport
- Sail / Docker / Herd
- CloudFlare R2 / D1
- Stripe / PayPal / Mollie / Lemonsqueezy / Authorize.net
- GitHub / BitBucket

Integrations

- GoHighLevel / ActiveCampaign / AWeber / GetResponse / MailingBoss / SendShark / Systeme.io / Mailchimp

Databases & Search Optimisation

- MySQL / MongoDB / Elasticsearch / Redis / Meilisearch

Cloud Hosting & Infrastructure

- Google Cloud Platform (GCP) / AWS EC2 / S3 / CloudFlare / DigitalOcean

Skills: International Business · Mobile Applications · Customer Relationship Management (CRM) · Software Development

**WESLEY COLLEGE,
COLOMBO
2024 - PRESENT**

Part-Time Educator - Pearsons Edexcel

As a part-time Edexcel International Advanced Level IT teacher at Wesley College, I have the privilege of educating and inspiring students in the field of IT

**STAFFORDSHIRE
UNIVERSITY UK -
APIIT SRI LANKA
2021 - 2024**

Visiting Lecturer - Laravel / AWS / Enterprise Design

Teaching Experience

- **Server-Side Programming & Cloud Computing** (BSc in Software Engineering)
- **Web Development & Operating Systems / Linux** (BSc in Software Engineering)
- **Enterprise Application Development** (MSc in Cloud Computing)
- **Enterprise System Analysis, Modeling & Design** (MSc in Cloud Computing)

As a **Visiting Lecturer** at **APIIT Sri Lanka for Staffordshire University**, I specialize in teaching cutting-edge technologies such as Laravel, server-side programming, AWS, and AWS business solutions. My role allows me to share my expertise with students eager to develop their skills and advance their careers in IT.

My responsibilities include designing and delivering engaging lectures and hands-on workshops, covering a range of topics from programming fundamentals to advanced concepts like cloud computing and AWS business solutions. I work closely with students to ensure they gain a deep understanding of the material and can apply their knowledge in real-world scenarios.

Beyond teaching, I actively mentor and guide students through their projects and assignments. I am committed to fostering a **collaborative and supportive learning environment**, empowering students to explore, experiment, and innovate with new technologies.

**ROYAL INSTITUTE
SMART ACADEMY
2023 - 2024**

Part Time Educator - Cambridge AS/AL

Cambridge Teacher at RISA, an officially registered online school in Sri Lanka. Responsible for delivering engaging **Cambridge AS/A Level** courses to students aged **14-21**. Utilised cutting-edge technology to enhance the learning experience, making education more interactive, accessible, and effective.

**SUPER AGENCY
2022 - 2024**

Consultant / Senior Full Stack Developer

At **Super Agency**, I worked on multiple projects based on **Laravel** and **Node.js**, focusing on **web data scraping, CRM, and ERP solutions**.

- Developed applications on **Laravel, Laravel Nova, and Laravel Vapor**.
- Created an **OpenAI-powered content generation platform** for advertisements and social media posts.
- Built a **web scraping tool** using Wappalyzer's source to analyze domains and identify their underlying technologies.
- Contributed to the development of a **multi-vendor SaaS application**.

ADLUX SOFTWARE

2016 - 2022

Founder

As one of the founding members of **Adlux Software**, I helped establish a startup dedicated to **Laravel** and **open-source software development**. Adlux specializes in Laravel projects and has built a strong track record of delivering **high-availability applications** across **Sri Lanka, the USA, Australia, and Europe**.

COLOMBO MEETUP

(MEETUP.COM)

2016 - 2021

Organizer Colombo Laravel Meetup / Colombo Drupal Meetup

I founded the **Laravel Colombo, Drupal Colombo, and Colombo WordPress** meetup groups, creating platforms for developers to share knowledge on **Laravel architectural concepts, Drupal development, and WordPress best practices**. These meetups were designed to foster learning, collaboration, and community growth, helping developers stay up to date with the latest technologies.

PRIVATE / NON - PROFIT

2015 - 2020

Corporate Consulting and Visiting lecturer

- **Private Consulting & Lecturing** on **Software Architecture**, including mobile and web technologies.
- **Lecturing on Software Frameworks**, coaching, and training development teams to meet overseas customer requirements.
- **Speaker on PHP/Laravel** at multiple tech talks and meetups.
- **ICT Lecturing (Non-commercial)**.

BRUSSELSLIFE - EUROKOM SPRL (BELGIUM)

2011 - 2019

Tech Lead

BrusselsLife is a leading online magazine catering to the people of **Brussels**, featuring **100,000+ articles, agenda events, and business listings**. The platform operates on a **business model driven by advertisements and paid content**, offering a comprehensive guide to local events, businesses, and lifestyle insights.

As the **head of technology and marketing**, I oversee all aspects of the system, including:

- **Architecting and developing the application**
- **Cloud deployment and infrastructure management**
- **Digital marketing, SEO, and online presence optimization**

Technology Stack

Application Frameworks & Frontend

- **Laravel** (Primary backend framework)
- **TALL Stack** (Livewire & Alpine) – *2021 to Present*
- **Vue.js** (Backend) – *2018 to 2021*
- **React.js** (Frontend) – *2016 to 2018*
- **Angular.js & Ionic (Mobile App)** – *2012 to 2016*
- **CloudFlare**
- **AWS EC2 / S3 / RDS / SQS / SES / SNS**
- **Mailgun / Twilio / Sendgrid**
- **Forge / Envoyer / Flare.io / Ohdear / Horizon / Octane / Vapor**
- **Docker / Herd**

Databases & Search Optimisation

- **MySQL / MongoDB / Elasticsearch / Redis / Meilisearch**

Cloud Hosting & Infrastructure

- **Google Cloud Platform (GCP)** – Hosting, DNS, CDN (2015 to 2019)
- **AWS EC2 / S3** – Current hosting infrastructure (2019 - Present)

**CONTENT
MANAGEMENT &
SOLUTIONS (PVT)
LTD.
2015 - 2016**

Tech Lead

Served as **Senior Tech Lead** for **PHP** and other **open-source technologies**, with a primary focus on **PHP and Laravel development**. Led the **architecture, development, and optimisation** of scalable applications while mentoring development teams, driving best practices, and ensuring high-performance, secure, and maintainable codebases. Spearheaded **technical strategy, system design, and cross-functional collaboration** to align technology with business objectives.

**CONTENT
MANAGEMENT &
SOLUTIONS (PVT)
LTD.
2011 - 2015**

Senior Software Engineer

Worked as a **Senior Software Engineer** on a project leveraging **Drupal, WordPress, and PHP**, focusing on **custom development, system integration, and performance optimisation**. Played a key role in **architecting, developing, and maintaining** scalable web solutions while ensuring best practices in security, code quality, and system performance.

**FOUR CORNERS
LANKA PTE LTD
2008 - 2011**

Senior Software Engineer & Team Lead

Designed and developed **web solutions** for both **local and international clients**, ensuring scalability, security, and performance. Served as the **Team Lead** for the **open-source development team**, overseeing architecture, development workflows, and best practices while mentoring developers and driving innovation in **PHP, Laravel, and other open-source technologies**.

EDUCATION

**IIC UNIVERSITY OF
TECHNOLOGY
2024 - 2027**

Doctor of Business Administration (DBA)

A **terminal professional degree** with a strong emphasis on **advanced business theory, strategic management, and research methodologies**, equipping professionals with the skills to drive **organizational innovation, leadership, and data-driven decision-making**.

Core areas of expertise

- **Strategic Marketing** – Market analysis, branding, and competitive positioning
- **Managerial Economics** – Economic modeling and decision-making frameworks
- **International Business** – Global market strategies and cross-border operations
- **Advanced Accounting & Finance** – Financial analysis, risk management, and corporate finance
- **Organisational Leadership** – Leadership theories, change management, and corporate governance
- **Strategic Management** – Business strategy formulation and execution
- **Research Methodology** – Qualitative & quantitative research techniques
- **Advanced Statistics** – Data-driven decision-making and predictive modeling
- **Multivariate Analysis** – Complex statistical techniques for business applications
- **Research Philosophy** – Theoretical foundations of research and knowledge creation

**IIC UNIVERSITY OF
TECHNOLOGY
2024 - 2025**

M.Ed in Education

Advanced graduate program focusing on teaching skills, curriculum development, and educational leadership for career advancement and innovation.

**KINGSTON
UNIVERSITY -
LONDON, UNITED
KINGDOM
2024 - 2025**

MSc in Software Engineering

Currently **pursuing an MSc in Software Engineering at Kingston University London**, gaining a comprehensive understanding of **advanced software development principles**. The program's in-depth focus on **software architecture, design, and implementation**, combined with **practical project management training**, is enhancing my ability to excel in the dynamic field of **software engineering**.

**KINGSTON
UNIVERSITY -
LONDON, UNITED
KINGDOM
2018 - 2020**

PGDip IT & Strategic Innovation

Successfully completed a **Postgraduate Diploma (PGDip) in IT and Strategic Innovation**, focusing on **enterprise modelling through technology**. The program explored the **interaction between human, organisational, and technological factors**, providing insights into how businesses can leverage IT for **strategic innovation and digital transformation**.

**UNIVERSITY OF
WESTMINSTER -
LONDON, UNITED
KINGDOM
2007 - 2011**

Bsc (Hons) in Software Engineering

Specialisation towards software engineering theory and practice to develop professional software systems.

This degree focuses on software design, development, and implementation, covering a range of programming languages, algorithms, and software development methodologies.

**UNIVERSITY OF
PORTSMOUTH
2006 - 2007**

International Diploma in Information Technology

Computer Software Engineering

**WESLEY COLLEGE,
COLOMBO
1993 - 2006**

Primary / High school education

Best days of my life.

SKILLS

LARAVEL



- Strong experience in Laravel versions.
- Strong experience in Laravel Plugins and Eco System (Nova, Envoyer, Forge, etc.)
- Knowledge of IoC service containers and the architecture of Laravel.
- Experience in other common libraries such as PHPUnit and Eloquent.
- Strong understanding of server-side template languages such as Blade.
- Strong understanding of server-side CSS pre-processors like SASS.
- Strong understanding of front-end technologies, such as JavaScript, HTML5, CSS3 and Vue/React.
- Familiarity with concepts of MVC, Mocking, ORM, and RESTful.
- Familiarity with development-aiding tools Vite, Laravel Mix or Elixir.

PHP



- Strong knowledge of web frameworks **Laravel, Drupal, and WordPress**.
- Knowledge in fully synchronous behaviour of PHP.
- Knowledge in practical use and implementation of MVC design patterns.
- Proper understanding and knowledge of implementation of object-oriented concepts and patterns.
- Strong knowledge in creating databases to support business processes.
- Understanding of code versioning tools (GIT).
- Knowledge in PHP application deployment and Cloud deployment.

SQL / NO-SQL



- Familiarity with No-SQL / SQL databases and their query languages.

ALPINE / REACTJS / VUE / ANGULAR, JAVASCRIPT



- Developing new user-facing features using the frameworks.
- Building reusable components and front-end libraries for future use.
- Translating designs and wireframes into high-quality code.
- Strong proficiency in JavaScript, including DOM manipulation and the JavaScript object model.
- Understanding of JS and its core principles.
- Experience with popular js workflows (such as Flux or Redux).

HTML / CSS



- Proficiency in HTML5 and CSS3.
- Understanding of industry best practices.

DESIGN & DEVELOPMENT



- Strong proficiency in requirement gathering and business modelling.
- Proficiency in design concepts and patterns.
- Experience in data modelling and SQL implementations.

MOBILE APP FULL STACK DEVELOPMENT



- Strong experience in developing restful APIs to support mobile applications.
- Experience in developing cross-platform applications based on JavaScript and other technologies. (ReactNative)
- Experience in managing and deploying based applications on both iOS and Android platforms.

LINUX / SERVER MANAGEMENT / AWS



- Long years of experience in Linux and Linux-based operating systems.
- Proficiency in server setup and creating production and development environments.
- Experience in Google Cloud Platform management and deployment.
- Knowledge of Amazon Web Services (AWS).