

# UPANI AYANGA LOKUSURIYA

46/1 Kohilawaththa, Colombo, Sri Lanka, 10620  
+94703053761  
[upanilokusuriya@gmail.com](mailto:upanilokusuriya@gmail.com)

Personal Portfolio: <https://upani-ayanga.vercel.app/>  
Github: <https://github.com/UpaniAyanga>  
LinkedIn: <https://www.linkedin.com/in/upani-l/>

## PROFILE SUMMARY

Full Stack Software Engineer with 3 years of experience specializing in PHP (Laravel) and JavaScript (React/Node) ecosystems. Experience managing the full Software Development Life Cycle, from requirements gathering to production deployment for high-traffic applications used by 2,500+ users. Strong technical foundation in SQL database management, RESTful API development, and cloud infrastructure (AWS/Docker). Collaborative team player skilled in bridging business requirements with technical execution to deliver stable, high-performance software solutions.

## SKILLS

JavaScript, TypeScript, React.js, HTML/CSS, Tailwind CSS, jQuery, Node.js, PHP, Laravel, RESTful APIs, MySQL, MongoDB, AWS, Docker, Git, Agile, Postman, Scrum, JIRA, Figma, Object-Oriented Programming, Agile Methodologies, Software Documentation, Project Planning, Project Management, Team Management.

## WORK HISTORY

### Associate Software Engineer **XGEN GROUP, AUSTRALIA**

Nov 2023 - Nov 2025

- Engineered scalable RESTful APIs to support SmartOps application integrations, ensuring seamless data synchronization for a user base of 2,500+ marketing officers.
- Accelerated system performance by 80% through the implementation of GZIP compression for high-volume image upload processes, significantly reducing server load.
- Architected real-time business intelligence dashboards and custom reporting tools, enabling data-driven decision-making for 500+ executives.
- Spearheaded a major code refactoring initiative, transforming legacy monolithic files (4,000+ lines) into modular, reusable functions to improve maintainability and reduce technical debt.
- Translated complex business needs into technical User Requirement Specifications (URS), successfully delivering 50+ client features aligned with strategic business goals.
- Collaborated on release planning, backlog grooming, and client meetings to align deliverables with business goals.
- Optimized database performance by developing advanced SQL queries for complex analytics, reporting, and data extraction.

### Intern Software Engineer **XGEN GROUP, AUSTRALIA**

Apr 2023 - Nov 2023

- Executed a critical legacy system migration by upgrading the core codebase from PHP 5.5 to 8.2, ensuring modern security compliance and improved application performance.
- Resolved high-priority system bugs and implemented Change Requests (CRs) for major global enterprise clients, ensuring system stability.
- Enhanced frontend user interactivity and responsiveness using jQuery and JavaScript, improving the overall user experience (UX) for legacy web applications.
- Collaborated with senior developers to diagnose root causes of production issues, utilizing detailed debugging and testing methodologies.

## EDUCATION

### Bachelor of Science in Computer Science, Jan 2023 - Sep 2027

University of Westminster

Associated with IIT

- Studying a comprehensive computer science program, currently in my 4th year of study, with a focus on software development, databases, client-server architecture, and system design.
- Gained a strong foundation in computer science principles and engineering practices that have been instrumental in my professional career.

**GCE Advanced Level**

*St Paul's Girls School, Milagiriya*

- Studied physics, chemistry, biology

**GCE Ordinary Level**

*Vidura College, Colombo*

- Announcing team , chess club , media unit , little friends , Girl guiding (up to first-class award) , student choir

**CERTIFICATIONS****AWS CERTIFIED CLOUD PRACTITIONER**

- Building IT fundamental skills, working knowledge of Linux OS, and writing scripts in Python and Shell.
- Learning how to apply core AWS services in the area of computing, storage, and networking, including EC2, S3, IAM, VPC, Lambda, CloudFormation, RDS, and Route 53.

**POSTMAN API FUNDAMENTALS STUDENT EXPERT****UNIVERSITY OF CAMBRIDGE**

- ESOL Exams: Starters, Movers, Flyers, KET, PET, FCE

**PROJECTS****PERSONAL PORTFOLIO : <https://upani-ayanga.vercel.app/>**

- A professionally crafted personal portfolio built with Next.js, showcasing my experience, technical skills, and projects.
- The site is responsive and features sections including About, Experience, Projects, Education, Certifications, and Contact, designed to present a clear and engaging overview of my abilities as a Full Stack Developer and Project Manager.
- Stack : NextJs

**SKILL GATE OFFICIAL WEBSITE: <https://www.skillgate.lk>**

- Designed and developed a high-performance platform built with Next.js and Node.js for optimal rendering speed for Skill Gate Lean Six Sigma Operational Institute, Sri Lanka.
- Stack : Next.js, Node.js, MongoDB, Tailwind CSS, Framer Motion

**TEA DROP : WORDPRESS E-COMMERCE SITE**

- Developed a fully functional WordPress e-commerce site, Tea Drop, featuring WooCommerce integration for product management and payments, custom themes for a responsive design, and plugins like Yoast SEO and Contact Form 7 for enhanced user experience.
- Stack : WordPress, WooCommerce, PHP, MySQL, PHP MyAdmin

**PERFECT ESTATE : A REACT APP : <https://property-finder-website-2e7x.vercel.app/>**

- A responsive, client-side web application with React and React-Bootstrap.
- Includes several interactive features such as property search, viewing property details, and managing a favorite property list.
- Stack : React, React-Bootstrap

**ADDITIONAL INFO****LANGUAGES**

- English, Sinhala.

**VOLUNTEERING**

- Fundraising Volunteer at HelpAge, Girl Guide.