

# SAMEERA SANJEEWA

Software Engineer | Full-Stack Developer (Laravel & Vue.js)

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## PROFESSIONAL SUMMARY

Innovative Software Engineer with over 6 years of experience in architecting and deploying high-performance web applications using **PHP (Laravel)** and **Vue.js/Nuxt.js**. Proven track record in optimizing backend performance and managing production-scale cloud infrastructure on **AWS**. Expert in integrating real-time communication APIs like **Twilio** and **Agora**. Committed to delivering clean, maintainable code following **SOLID** principles and **Agile** methodologies.

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## TECHNICAL SKILLS

- **Languages:** PHP (7.x, 8.x), JavaScript (ES6+), Dart, Python
  - **Frameworks:** Laravel (Expert), Vue.js, Flutter
  - **Backend & APIs:** RESTful API Design, Webhooks, Twilio, Agora, OAuth, JWT
  - **Databases:** MySQL (Optimization, Indexing, Profiling), Redis
  - **Cloud & DevOps:** AWS (EC2, S3), Docker, CI/CD, Linux Server Administration (Nginx/Apache)
  - **Testing:** TDD, PHPUnit, Laravel Dusk
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## PROFESSIONAL EXPERIENCE

**Software Engineer (Backend)** — Elegant Media, Melbourne, Australia | 2023–2026

- **System Architecture & Optimization:** Architected and maintained Laravel-based backend systems supporting 200+ users, achieving **99.9% uptime** and significantly improving system reliability.
- **Infrastructure Management:** Managed and optimized Linux-based production environments on **AWS EC2**, implementing server migration strategies that enhanced application performance by **25%**.
- **Real-time Communication:** Integrated **Twilio** and **Agora** APIs to deliver seamless real-time messaging and communication features.
- **DevOps & Automation:** Reduced deployment downtime by **40%** through the implementation of automated **CI/CD** workflows and **Docker** orchestration.
- **Team Collaboration & Mentorship:** Mentored junior developers on **SOLID principles** and modern Laravel best practices while maintaining a **95%+ sprint success rate** in an Agile environment.

## Full Stack Developer — Shraddha Media Network, Colombo, Sri Lanka | 2019–2023

- **Full-Stack Development:** Developed and maintained core business applications using **Laravel** and **Vue.js**, automating workflows and reducing manual operational work by **40%**.
  - **Database Performance:** Optimized complex **MySQL** queries and indexing, resulting in a **30% reduction** in server load and improved API response times.
  - **Donation Management System:** Designed and deployed a custom Donation Management System, improving data accuracy and reporting efficiency by **35%**.
  - **Legacy System Revamp:** Revamped UI/UX components of legacy systems using **Vue.js** and **Tailwind CSS**, leading to a **30% reduction** in user-reported issues.
  - **Security & Deployment:** Managed full-cycle application deployments on cloud-hosted Linux servers, ensuring data security and stability for all production systems.
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## EDUCATION & CERTIFICATIONS

- **BSc (Eng) Undergraduate in Computer Engineering** – University of Peradeniya, Sri Lanka (2015 – 2019)
  - **Full Stack Web Development Certification** – University of Moratuwa with DP Education (2022)
  - **Flutter Mobile Development Certification** – Franklin Training (2022)
  - **OCJP - Oracle Certified Java Professional** – Dakma Certification Center, Mathara (2015)
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## PROJECTS

- **Donation Management System:** Built a high-security platform with optimized MySQL reporting and automated receipts.
  - **Bookshop Application:** Developed a full-stack system with real-time inventory synchronization and API-first architecture.
  - **SIGreetings.com:** Scaled and maintained a cloud-based digital greeting platform with integrated payment gateways.
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## CORE COMPETENCIES

Full-Stack Development | Laravel Backend Systems | REST API Design | AI Integrations | Clean Code | Problem Solving | Remote Collaboration