ANJANA ARIYASINGHE

Software Engineer | Full Stack & Backend Developer
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PROFESSIONAL SUMMARY

Software Engineer with hands-on experience building RESTful APIs, ERP modules and full stack web applications using Java (Spring Boot), PHP (Laravel), React.js and SQL. Strong in backend architecture, database design and query optimization, with additional experience in SEO-driven, high-performance front-end development. Computer Science graduate who enjoys solving problems and delivering efficient, scalable software in collaborative teams.

TECHNICAL SKILLS

Languages: Java, Python, C, PHP, JavaScript, SQL, HTML5, CSS3
Frameworks & Libraries: Spring Boot, Laravel, React.js, Next.js, Node.js, React Query, Tailwind CSS, Bootstrap
Databases: MySQL, MS SQL Server, MongoDB, Supabase (stored procedures, query optimization, normalization)
Cloud & DevOps: AWS, Microsoft Azure, Docker, Git, GitHub, Linux
Other: REST APIs, SEO, Core Web Vitals, WordPress, Google Analytics, Competitive Programming

WORK EXPERIENCE

Software Engineer 07/2025 – Present
Vital One Information System (Pvt) Ltd – Colombo 05, Sri Lanka

- Develop and maintain RESTful APIs using Spring Boot for a microfinance ERP platform.
- Build ERP modules supporting pawning workflows and financial transactions end to end.
- Design SQL stored procedures and optimize queries to improve database performance.
- Apply database design and normalization principles to keep data models consistent and scalable.

Tech: Java, Spring Boot, SQL, Stored Procedures, REST APIs

SEO & Front-End Developer (Remote) 03/2025 – 09/2025
Global Edulink – United Kingdom

- Developed high-performance, SEO-optimized websites with React, Next.js and WordPress, meeting Core Web Vitals and accessibility standards.
- Optimized front-end architecture for speed and responsiveness using Tailwind CSS and performance tuning techniques.
- Implemented on-page SEO: schema markup, meta tag optimization and content structuring to improve search rankings.
- Contributed to back-end improvements on Supabase, including API adjustments and database optimizations.

Tech: React.js, Next.js, JavaScript, Tailwind CSS, WordPress, Supabase, SEO, Google Analytics

Trainee Full Stack Software Developer 01/2025 – 04/2025
Suntec Information System (Pvt) Ltd – Moratuwa, Sri Lanka

- Designed, developed and maintained business-critical web applications using PHP, JavaScript and MS SQL Server.
- Led development of a secure Account Management System using stored procedures and a dynamic JavaScript UI.
- Engineered Payroll and Laundry Management Systems with modular backend architecture and custom reporting.
- Built a complete Doctor Appointment Management System with a React (React Query) frontend and Laravel (Sanctum) backend, enabling real-time updates and secure booking.

Tech: PHP, Laravel, React.js, JavaScript, MS SQL Server, React Query, Axios, Sanctum, Bootstrap, REST APIs

EDUCATION

B.Sc. in Physical Science (Computer Science) 2022 – 2025
University of Ruhuna – Matara, Sri Lanka | GPA: 3.07 (Second Class Lower)

Bachelor of Information Technology (BIT) – Undergraduate, 2nd Year 2023 – Present
University of Colombo School of Computing (UCSC) – Colombo, Sri Lanka

G.C.E. Advanced Level – Physical Science Stream 2019
Taxila Central College – Horana, Sri Lanka

CERTIFICATIONS

- Introduction to Android Mobile Application Development – Coursera
- Diploma in Information Technology – University of Colombo School of Computing
- Microsoft Azure Fundamentals (AZ-900) – In progress

EXTRACURRICULAR ACTIVITIES

Rotaract Club (UoR) – Member (2022–2023) | **SLT Esports – Member** (2021–2024) | **YouTube Creator** (2022–2023)