

VIHANGA KULASEKARA

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GitHub: <https://github.com/kulasekara02>

Portfolio: <https://kulasekara02.github.io/>

PROFESSIONAL SUMMARY

Software developer with nearly two years of experience in web development, API integration, and Oracle database engineering. Skilled in PHP, JavaScript, Python, and PL/SQL, with hands on experience creating database triggers, functions, and optimising large systems. Worked on production environments with Linux, using Git and GitHub for collaborative development. Familiar with containerisation using Docker and CI/CD pipelines. Strong background in REST API development and testing using Postman and automation tools. Completed a Master of Science in Computer Science in Latvia in February 2026. Now permanently based in Portugal with experience working in international teams across different time zones and multicultural environments. Familiar with European work culture, collaboration standards, and regulatory environments through academic and technical projects in Europe. Active open source contributor with over 80 GitHub repositories covering enterprise platforms, DevOps tools, and machine learning projects.

WORK EXPERIENCE

Trainee Software Engineer

Ceylinco General Insurance | Colombo, Sri Lanka | March 2022 - February 2024

- Developed and maintained web applications for inter-company initiatives using PHP and web deployment technologies
- Designed and integrated REST APIs for seamless system communication and data exchange
- Created and optimised Oracle PL/SQL databases, including functions, triggers, and large table management
- Troubleshoot and modified existing systems to improve performance and meet user requirements
- Operated within Linux environments and utilised Git/GitHub for version control and collaboration
- Managed multiple projects simultaneously while adhering to tight deadlines

Inventory Assistant

Cargills Online | Colombo, Sri Lanka | January 2021 - February 2022

- Managed inventory operations and stock coordination for the online shopping platform
- Worked with WMF and Infolog systems for inventory tracking, order processing, and stock management
- Assisted with stock audits, system updates, and reporting under fast paced operational environments
- Used Microsoft Dynamics for inventory updates, reporting, and operational support
- Maintained accurate inventory records and resolved stock related issues in daily operations
- Monitored product availability and supported integration processes between inventory and online shopping systems

EDUCATION

Master of Natural Sciences in Computer Science

Transport and Telecommunication Institute | Riga, Latvia | February 2024 - February 2026

BSc in Software Engineering (Second Class Honours)

Cardiff Metropolitan University | September 2019 - December 2022

Specialisation: Advanced Programming, Computational Intelligence, Analytics

Higher Diploma in Computer Software Engineering

ICBT Campus | Colombo, Sri Lanka | February 2018 - October 2019

TECHNICAL SKILLS

Programming Languages: PHP, JavaScript, Python, PL/SQL, C++, Java, C#, TypeScript

Databases: Oracle Database, PL/SQL

Web Development: Full Stack Development, REST API Integration, MVC Architecture, Responsive Design

Version Control & Collaboration: Git, GitHub (81+ repositories), Git Flow

DevOps & Infrastructure: Docker, Container Orchestration (MiniOrch), CI/CD Pipelines, Shell Scripting

Testing: Test-Driven Development, Behat Testing, Unit Testing

Machine Learning & Data Science: Python Data Stack (Pandas, NumPy, TensorFlow), LSTM, Random Forest, Data Preprocessing, Feature Engineering, Jupyter Notebooks

Data Formats: XML, JSON, YAML

Operating Systems: Linux, Windows, macOS, iOS, Android

Tools & IDEs: VS Code, Android Studio, Postman, GitHub Actions, Oracle SQL Developer

CORE COMPETENCIES

Strong at managing projects from planning to delivery while staying on schedule and meeting user needs. Comfortable working under pressure, juggling multiple tasks, and solving complex problems. Experienced in technical documentation, issue resolution, and team collaboration in fast-paced environments. Background in customer service helps with understanding user expectations and clear communication across teams.

LANGUAGES

English: C1 (Advanced) - Listening, Reading, Speaking, Writing

ADDITIONAL INFORMATION

Work Authorisation: Valid residence and work permit

Nationality: Sri Lankan

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Portugal NIF Number: 335687300