Namesh Dilshan

Senior Software Engineer

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Summary

Senior Software Engineer with 7+ years of expertise in enterprise software development, specializing in banking systems, payment gateways, and workflow automation. Proven track record of delivering high-impact solutions that reduced loan processing time from 7 days to 1 day, handling 300+ monthly loans and 1,500+ new accounts. International freelance experience serving 25+ clients across USA, UK, Canada, Australia, Germany, UAE, and Asia-Pacific with 98% satisfaction rate. Expert in Java ecosystem, Spring Boot, RESTful APIs, and modern web technologies with strong leadership in Agile environments.

Technical Skills

Programming Languages: Java, Python, JavaScript, PHP, Dart, C++

Web Development: Spring Boot, React, Angular, Node.js, HTML5, CSS3, Bootstrap, WordPress

Mobile Development: Flutter, Android, Firebase, React Native

Backend Technologies: RESTful APIs, Microservices, Java EE, Spring Framework, WSDL, SOAP

Databases: MySQL, Oracle SQL, MongoDB, PostgreSQL, SQLite, Firestore

Frontend Technologies: JSTL, JavaScript, AJAX, Bootstrap, Jasper Reports, JavaFX, Swing, React, Angular

Cloud & DevOps: Docker, Kubernetes, AWS, Google Cloud Platform, CI/CD Pipelines

Version Control: Git, GitHub, GitLab, SVN, Bitbucket

Development Tools: Eclipse, NetBeans, VS Code, IntelliJ IDEA, Postman, Swagger

IoT & Hardware: Arduino, NodeMCU, ESP32, Sensors Integration

Project Management: JIRA, Trello, Agile Methodology

Testing: JUnit, Selenium, Postman API Testing, Load Testing

Payment Systems: Payment Gateway Integration

EDUCATION

Bachelor of Information Technology
University of Colombo School of Computing | Colombo, Sri Lanka | 2023

Diploma in Information Technology
ESOFT Metro Campus & Pearson College London | Sri Lanka | 2017

PROFESSIONAL EXPERIENCE

Senior Software Engineer

Cargills Bank (Pvt) Ltd. | Colombo, Sri Lanka | Feb 2024 - Present

- Lead development and maintenance of enterprise banking applications serving 300+ monthly loan applications
- Design and develop Java applications with comprehensive code review processes
- Create and maintain web services using Spring Boot and RESTful APIs
- Analyze and resolve production issues in live banking systems
- Prepare Technical Specification Documents (TSD) for all development projects
- Participate in QA processes ensuring high-quality software delivery
- Provide technical solutions and support for internal and external customers
- Manage version control systems and mentor junior developers and interns
- Follow up with customers to deliver reliable software solutions

Key Projects:

- Web Account Opening System: Upgraded legacy account opening system with modern web technologies
- SMS Monitoring Service: Developed monitoring system for bank SMS gateway operations
- QR Attendance System: Created reusable attendance management system for bank functions
- CB Raffle Draw System: Built transparent raffle draw system ensuring fair operations in all internal and external raffles

Software Engineer

Cargills Bank (Pvt) Ltd. | Colombo, Sri Lanka | Aug 2019 - Feb 2024

- Developed and maintained Cargills Bank Loan System using Java, Spring Boot, MySQL, Oracle SQL, and frontend technologies (JSTL, HTML, JavaScript, AJAX, Bootstrap)
- Reduced loan processing time from 7+ days to 1 day through workflow automation
- Integrated LankaClear Online Payment Platform for secure custom payments (CDS, government payments, IPO)
- Designed middleware solutions for Cargills Bank Segregation Project using WSDL
- Automated account opening workflows and mandate scanning processes, reducing manual workload significantly
- Led development of multiple banking systems focusing on performance, security, and user experience

Key Achievements:

- Streamlined loan processing workflow handling 300+ new loans monthly
- Automated account opening system processing 1,500+ new accounts monthly
- Improved operational efficiency through middleware integration
- Mentored junior developers while maintaining high code quality standards

FLAGSHIP BANKING PROJECTS

Mandate Scanning Workflow - Best process improvement project - Cargills Bank 2023 - 2024

Cargills Bank Loan System | Java, Spring Boot, MySQL, Oracle SQL, JSTL, HTML, JavaScript, AJAX, Bootstrap

Enterprise loan management platform serving 300+ monthly applications

- Developed comprehensive loan processing system with end-to-end workflow automation
- Reduced processing time from 7+ days to 1 day through intelligent automation
- Implemented real-time loan tracking, approval workflows, and document management
- Built responsive web interface with advanced AJAX functionality for seamless user experience

LankaClear Payment Platform Integration | Spring Boot, RESTful Web Services, WSDL

Secure payment gateway integration for government and financial services

- Integrated national payment platform for Fares, CDS, IPO, and government payment processing (Gov Pay)
- Developed custom payment workflows through LankaClear common interface
- Ensured PCI DSS compliance and implemented robust security protocols
- Enabled seamless inter-bank communication and transaction processing

Web Account Opening System | Java, Spring Boot, MySQL, HTML5, JavaScript, Bootstrap, JasperReports

Next-generation digital account opening platform

- Upgraded legacy system to modern web-based solution with enhanced UX/UI
- Implemented digital document upload, e-signature integration, and real-time verification
- Reduced account opening time from days to hours with automated workflows
- Built responsive design supporting multiple devices and browsers

Tab Account Opening System & Workflow | Java, Android, Spring Boot, RESTful APIs

Tablet-based mobile account opening solution for branch operations

- Developed native Android application for branch staff with offline capabilities
- Integrated biometric authentication and document scanning functionality
- Improved customer service efficiency and reduced paperwork by 80%

ERPEOD System | Java, Spring Boot, Apache POI, Oracle SQL, Automated Scheduling

Automated regulatory reporting system for Central Bank compliance

- Automated manual Excel-based processes reducing 2-day manual work to 30 minutes
- Implemented scheduled data extraction, transformation, and Central Bank submission
- Built error handling and validation mechanisms ensuring 99.9% accuracy
- Created comprehensive audit trails for regulatory compliance

Mandate Scanning Workflow | Java, Spring Boot, OCR Integration, Document Management

Document processing system & Archiving Process for banking mandates

- Developed Mandate scanning and processing system with archiving & approval process
- Automated mandate validation and approval workflows across 25+ branches and 5+ departments
- Reduced processing time from 3 days to 2 hours with 95% accuracy
- Implemented digital archiving and retrieval system

POS Terminal Management System | Java, Spring Boot, MySQL, RESTful APIs, Real-time Monitoring

Centralized management platform for payment terminals

- Built comprehensive POS terminal monitoring and management system
- Implemented real-time pos terminal tracking and terminal health monitoring
- Created reporting system for terminal maintenance
- Managed 400+ terminals across multiple locations with 99.5% uptime

Cashback Loan Workflow | Java, Spring Boot, Oracle SQL, Jasper Reports

Specialized loan management system for Fixed Deposit-backed loans

- Developed automated loan approval system against Fixed Deposit collateral
- Created instant loan disbursement workflows with minimal manual intervention
- Achieved 90% faster loan processing compared to traditional methods

Treasury Archive Management System | Java, Spring Boot, Oracle SQL, MySQL, Bootstrap

Digital document management solution for treasury operations

- Built secure document archiving system for sensitive treasury documents
- Implemented advanced report search capabilities
- Created role-based access control and audit logging
- Reduced document retrieval time from hours to minutes

Intern Java Developer

Hiru Sandu Services (Pvt) Ltd. | Ja-Ela, Sri Lanka | Jan 2017 - Jul 2018

- Developed key modules for accounting and inventory management systems
- Created responsive user interfaces using JavaFX and Swing
- Enhanced system functionality and improved overall user experience
- Collaborated with senior developers on software design and implementation

Freelance Software Engineer | Full-Stack Developer

International Freelance Platforms (Fiverr, Upwork) & Direct Clients | Remote | 2018 - Present

Serving 25+ clients across USA, UK, Canada, Australia, Germany, UAE, and Asia-Pacific regions

Global Project Portfolio:

- Mobile Applications: Flutter, Firebase, Android Studio - Developed cross-platform apps for individual users & businesses
- WordPress Solutions: Wordpress, Elementor, PHP, MySQL - Delivered 8+ websites for small businesses
- Desktop Applications: JavaFX, Java Swing, MySQL - Built various management systems for individual users & businesses
- IoT Solutions: Arduino, NodeMCU, Python - Developed automation systems for various clients
- API Development: RESTful APIs, Microservices - Created integration solutions for corporations and work with their teams

Technical Achievements:

- Successfully delivered 40+ projects with 98% client satisfaction rate
- Expertise in legacy system modernization and cloud migration
- Proficient in multiple time zones and international business practices
- Maintained 5-star rating across all freelancing platforms

Industry Expertise:

- FinTech: Payment gateways, banking solutions
- E-commerce: Inventory management, POS systems
- Healthcare: Patient management systems, appointment scheduling systems
- Education: Learning management systems
- Real Estate & Vehicle : Property & Vehicle Rental management systems

KEY COMPETENCIES & ACHIEVEMENTS

Business Impact:

- Reduced loan processing time by 85% (7 days to 1 day) through intelligent automation
- Achieved 98% client satisfaction rate across international freelance projects
- Improved operational efficiency by 80% through workflow automation systems
- Successfully delivered 100+ projects across 8+ countries and 10+ industries

Technical Leadership:

- Led development teams of 5+ developers on enterprise banking projects
- Conducted code reviews ensuring 99.9% system reliability
- Mentored 10+ junior developers and interns in modern development practices
- Architected scalable solutions handling 10,000+ concurrent users

International Expertise:

- Collaborated with clients across USA, UK, Canada, Australia, Germany, UAE, and Asia-Pacific
- Delivered solutions compliant with international banking standards (PCI DSS, ISO 27001)
- Expertise in multiple regulatory frameworks and compliance requirements
- Multi-timezone & cross-cultural teamwork

Innovation & Problem Solving:

- Pioneered automated regulatory reporting reducing manual work by 95%
- Implemented automated document processing with 95% accuracy
- Designed real-time monitoring systems achieving 99.5% uptime
- Created reusable framework components adopted across multiple projects

SOFT SKILLS

- Analytical Thinking: Strong problem-solving and logical reasoning abilities
- Attention to Detail: Meticulous approach to code quality and system reliability
- Effective Communication: Clear technical communication with stakeholders and team members
- Proactive Mindset: Self-motivated with ability to anticipate and address challenges
- Leadership: Experience mentoring and guiding junior team members
- Adaptability: Quick to learn new technologies and adapt to changing requirements