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ABOUT ME

Results-driven Software Engineer with 6+ years of experience designing and delivering scalable backend systems using Java, Spring Boot, Microservices, and AWS. Proven contributor in product based and enterprise environments, with strong expertise in API development, CI/CD pipelines, and database optimization. Passionate about building high quality solutions, mentoring engineers, and delivering impactful, reliable systems.

SKILLS

Backend Development & REST API Design

Microservices & Distributed Systems

Cloud-Native Application Development (AWS)

Database Design & Optimization

CI/CD Pipelines & DevOps Practices

Test-Driven Development & Code Quality

Agile / Scrum Delivery & Team Collaboration

Technical Mentoring & Knowledge Transfer

ACHIEVEMENTS

- FIDE-rated Chess Player (FIDE ID: 29964245)
- Multiple championship wins at District, Provincial, and All-Island levels
- Former Team Leader – School Chess Team

LINKS

LinkedIn:
<https://www.linkedin.com/in/charith-banneheka/>

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

LANGUAGE

English

REFERENCES

Referees available on request.

Charith Banneheka

SENIOR SOFTWARE ENGINEER

WORK EXPERIENCE

Senior Software Engineer
IFS R&D International (Pvt) Ltd / Colombo / Jun 2024 - Present

Software Engineer
IFS R&D International (Pvt) Ltd / Colombo / Oct 2022 - Jun 2024

Software Engineer
Digiratina Technology Solutions / Colombo / Oct 2020 - Oct 2022

Associate Software Engineer
Digiratina Technology Solutions / Colombo / Jan 2020 - Oct 2020

EDUCATION

Master of Science in Information Technology
Sri Lanka Institute of Information Technology (SLIIT UNI) / Colombo / 2026

- Completed – Results Pending (Expected 2026)

Bachelor of Science in Information Technology
Sri Lanka Institute of Information Technology (SLIIT UNI) / Colombo / 2020

- Graduated with Bachelor of Science in Information Technology, Second Class Honours (GPA 3.23)

Diploma in Information Technology
Esoft Metro Campus / Kurunegala / 2016

Foundation in Human Resource Management
Chartered Institute of Personal Management / Kurunegala / 2016

CERTIFICATIONS

IFS Certified Practitioner - IFS Cloud Web Developer

AWS Certified Developer - Associate (Reading)

PROJECTS

IFS Cloud Asset Management & File Storage Migration – IFS R&D International

- Contributed to backend feature development and enhancements across multiple IFS Cloud Asset Management releases (23R2–26R1), covering Work Definition, Work Execution, Planning & Scheduling, APM, and Docman/File Storage.
- Led development and enhancements of the IFS Cloud File Storage Migration Tool, enabling large-scale document migrations from legacy IFS Apps (8/9/10) and FTP/Shared repositories to IFS Cloud.
- Implemented scalable backend improvements, resolved complex customer reported issues, and supported EA/GA validation, Service Updates, and release readiness in a product-based R&D environment.

Central Number Pool Management System – Dialog Axiata PLC (Sri Lanka ISP) (Client Project via Digiratina Technology Solutions)

- Designed and implemented core backend modules to manage GSM/CDMA number search, allocation, generation, recycling, and lifecycle status management.
- Developed robust RESTful APIs to support number pattern generation and automated number state transitions.
- Led database design and backend optimization efforts, ensuring high performance, data integrity, and scalability.

Hubbed

- Contributed to HUBBED, a large scale logistics collection point platform supporting parcel pickup and drop off services for global providers such as DHL, FedEx, UPS, SEKO Logistics, and TNT.
- Developed secure, scalable backend APIs for microservices, ensuring reliability and performance across distributed systems.
- Collaborated closely with cross functional teams to deliver high quality solutions in an agile environment.

Payment Engine - Dialog Axiata PLC (Client Project via Digiratina Technology Solutions)

- Contributed to the Cloud Payment Engine responsible for postpaid payment processing, integrating with the charging gateway through a suite of 10+ core APIs.
- Led backend implementation to revamp legacy APIs, migrate data, and convert PL/SQL stored procedures into Java-based microservices.
- Served as Scrum Master alongside development responsibilities, supporting sprint ceremonies and ensuring smooth project delivery.

Document Tracker - Dialog Axiata PLC (Client Project via Digiratina Technology Solutions)

- Designed and enhanced an enterprise document tracking system to monitor digitized customer documents across all lifecycle stages.
- Built scalable, standards compliant backend APIs supporting application type management, location mapping, user role and permission handling, and data migration.
- Acted as a Back End Developer and Shadow Scrum Master, contributing to agile coordination and delivery.

TOOLS & TECHNOLOGIES

- Programming Languages:** Java, JavaScript, Python, C/C++, C#
- Frameworks & Libraries:** Spring Boot, Hibernate, JPA, JDBC Template
- Version Control & Collaboration:** Git, Bitbucket, Jira, Confluence
- CI/CD & DevOps Tools:** Jenkins, SonarQube
- Messaging & Streaming:** Kafka
- Cloud & AWS Services:** AWS Batch, CloudFront, EventBridge, Elastic Beanstalk, Lambda, S3, WebSocket, RDS, ECS, EC2, DynamoDB.
- Databases:** MySQL, MS SQL Server, PostgreSQL, MongoDB, PL/SQL, Firebase
- API & Testing Tools:** Postman, JUnit, Mockito
- Software Engineering Concepts:** OOP, UML, Microservices
- IDEs & Tools:** IntelliJ IDEA, Spring Tool Suite (STS), Eclipse, NetBeans