CHARITH BANNEHEKA

SOFTWARE ENGINEER

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ABOUT ME

Results driven, detail oriented Software Engineer with strong analytical and problem solving skills, known for delivering high quality, efficient solutions in cross functional teams and consistently meeting deadlines. Eager to bring my expertise, energy, and commitment to excellence to your team and contribute to impactful, scalable products.

SKILLS

- Teamwork & Collaboration
- Leadership & Mentoring
- Strong Written and Verbal Communication
- Problem Solving & Logical Thinking
- Cross-Functional Team Leadership
- Agile / Scrum Methodology

LANGUAGE

- English

EXPERIENCE HIGHLIGHTS

- Designing and implementing RESTful APIs
- Preparing clear and structured API documentation
- Writing unit tests with Mockito
- Supporting and conducting UAT sessions with stakeholders
- Monitoring and troubleshooting databases in DEV and QA environments
- Managing and deploying microservices via Jenkins
- Performing static code analysis using SonarQube
- Reviewing SRS documents and translating requirements into technical solutions
- Conducting knowledge transfer (KT) sessions and mentoring new team members
- Reviewing code written by junior engineers
- Applying Agile/Scrum best practices in daily 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, Kafka
- **Cloud & AWS Services:** AWS Batch, CloudFront, EventBridge, Elastic Beanstalk, Lambda, S3, WebSocket, RDS, ECS, EC2, DynamoDB *(and others)*
- **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, Android Studio

ACHIEVEMENTS

- Team Leader — School Chess Team
- Rated Chess Player — FIDE ID: 29964245
- Champion/Prize Winner at District, Provincial, All-Island, and International Rated Chess Tournaments (2006–2019 Sri Lanka)

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

ASSOSIATE 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

- Successfully completed all academic and research requirements for the Master of Science in Information Technology
- Currently awaiting publication of final semester results

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)

FOUNDATION IN HR
CHARTED INSTITUTE OF PERSONAL MANAGEMENT | KURUNEGALA
2016

DIPLOMA IN INFORMATION TECHNOLOGY
ESOFT METRO CAMPUS | KURUNEGALA
2016

PRIMARY AND SECONDARY EDUCATION
ROYAL COLLEGE WAYAMBA | KURUNEGALA
2014

LINK

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

PROJECTS

CENTRAL NUMBER POOL MANAGEMENT SYSTEM - DIALOG AXIATA PLC (SRI LANKA ISP)

- Designed and implemented core modules for the Central Number Pool system, enabling GSM/CDMA number search, allocation, generation, recycling, and lifecycle status management.
- Developed robust and reusable APIs to support number pattern generation and automated number state transitions.
- Led database design and back-end development activities, optimizing performance and ensuring data integrity.

HUBBED

- Contributed to HUBBED, a leading logistics collection point platform supporting parcel pick-up and drop-off services for major logistics providers such as DHL, FedEx, UPS, SEKO Logistics, TNT, and others.
- Developed scalable, secure, and high-quality back-end APIs for HUBBED microservices, ensuring reliability and performance across distributed systems.

DOCUMENT TRACKER - DIALOG AXIATA PLC (SRI LANKA ISP)

- Designed and enhanced the Document Tracker system used to monitor digitized documents (including Dialog bills and customer information), ensuring accurate lifecycle and status tracking across all processing stages.
- Built scalable and standards-compliant back-end APIs supporting application type management, location mapping, user role/permission handling, and data migration.
- Played a dual role as a Back-End Developer and Shadow Scrum Master, supporting agile ceremonies and team coordination.

DIALOG TELEVISION 679 (DTV679) - DIALOG AXIATA PLC (SRI LANKA ISP)

- Developed and enhanced USSD and SMS services for Dialog TV, including account, loan, PIN, and package management.
- Migrated legacy PL/SQL workflows to microservices, and implemented complete SMS flows with client collaboration.
- Primarily responsible for back-end engineering and service integration.

CUSTOMER BLOCKLIST - DIALOG AXIATA PLC (SRI LANKA ISP)

- Worked on the Customer Blocklist solution enabling Dialog customers to block, unblock, and view communications across multiple channels using a microservices architecture.
- Developed back-end APIs for channel configuration and communication management, conducted code reviews, and contributed to solution design.
- Primarily handled back-end development while also serving as the Scrum Master.

PAYMENT ENGINE - DIALOG AXIATA PLC (SRI LANKA ISP)

- The Cloud Payment Engine project handled postpaid payment processing for Dialog Axiata, integrating with the charging gateway through a suite of 10+ core APIs (including Make Payment, Check Profile Status, Cancel Payment, etc.). The first phase involved revamping these APIs and migrating legacy data, while the second phase focused on converting stored procedures into Java-based microservices.
- Primarily responsible for back-end implementation, while also serving as the Scrum Master for the project.

REFERENCES

Referees available on request.