SANTHOSH KUMAR A L

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PROFILE SUMMARY

Experienced Java Backend Developer with 3+ years of expertise in cross-functional teams to deliver high-quality software solutions. Skilled in building scalable, low latency distributed systems using Microservices Architecture, SOLID principles, Design Patterns. Proficient in leveraging AI tools like GitHub Copilot to accelerate development and improve code quality.

WORK EXPERIENCE

M2PFINTECH – CHENNAI   **August 2024**

Project – CCMS (CREDIT CARD MANANGEMENT SYSTEM)

- Develop, and maintaining the Credit Card Management System repositories(Microservices), building REST-like HTTP APIs integration to support customer workflows such as registration, EMI and DPD tracking and serving 15B+ active users across multiple tenants.
- Implement a scalable regression framework for multiple banks (FEDERAL & INDLOC) with zero code duplication, improving code reusability and readability and improving test coverage and reducing maintenance effort by 40%.
- Analyze daily production reports and system logs to identify and resolve API timeouts, memory issues, and configuration errors, ensuring system stability. Document architecture decisions, fixes, and configurations in Confluence, creating a clear knowledge base for future reference.
- Monitor and optimize API performance dashboards, ensuring high availability and stability in both staging and production environments. Refactored and improved design flows and configuration handling for tenant-specific use cases, enhancing maintainability across multiple clients.
- Collaborated with cross-functional teams and handled on-call activities, including monitoring Federal reports and resolving production incidents to ensure platform stability and performance.

MARKET SIMPLIFIED INDIA PVT LIMITED - CHENNAI   **September 2022**

Worked Projects - AngelOne

- Developed and maintained Smart-API, a core product of Angel One. Created and managed REST-like HTTP APIs essential for the stock market investment and trading platform.
- Integrated multiple API connections, customizing to client needs, enhancing data accessibility. Designed and executed thorough Mockito test suites ensuring robust functionality.
- Implemented Grafana monitoring alerts for real-time visibility into endpoint performance and availability.
- Established response time thresholds and error rates for swift issue identification.
- Provided 24/7 on-call support, resolving critical issues quickly. Monitored systems, diagnosed problems, and reduced downtime. Collaborated with teams to resolve technical issues and improve customer satisfaction. Documented incidents and contributed to process improvements.

Karur VysyaBank(KVB)

- Led the development and maintenance of Dlite AOS software, Implemented a system to enforce explicit customer consent for new communication addresses, ensuring secure storage and compliance with data privacy standards.
- Enhanced onboarding by prompting customers to deposit a minimum amount upon successful account creation, aligning with product-specific deposit criteria. Implemented automated tests, reducing software defects by 30%, ensuring 99.9% reliability and performance of Dlite AOS software.

Globe Capital Market Ltd

- Integrated APIs for mutual fund, stock market, and order management modules, ensuring smooth data transitions and reducing errors by 30%.
- Enhanced SIP (Systematic Investment Plan) structures to support multiple investment frequencies, while fixing system bugs and improving user experience (10% increase in satisfaction).

SKILLS SUMMARY

- **Languages**:   Core Java, Microservices, MySQL
- **Frameworks**:   Spring Boot, Hibernate, Junit, Playwright
- **Technologies**: Fintech, AI Engineer(Copilot), Automation E2E, ArgoCD, Kafka, Grafana Dashboard, OOPS, REST API, Software Design
- **Tools**:   IntelliJ IDEA, VS Code, GitHub, Postman, DBeaver, MySQL, Jira, Confluence
- **Soft Skills**:   Clear Communication, Problem-Solving, Analytical Skills, Team Coordination, Technical Troubleshooting

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EDUCATION

Vellore Institute of Technology   Vellore, Tamil Nadu, India
Master of Computer Application; GPA: 8.45   **July 2020 - August 2022**
Vellore Institute of Technology   Vellore, Tamil Nadu, India
Bachelor of Computer Science; GPA: 8.65   **June 2017 - August 2020**