

HEMASHREE S T

Analyst Software Engineer

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📍 Bangalore

PROFILE

Software Engineer with 2 years of experience designing and maintaining scalable, efficient server-side systems. Skilled at troubleshooting complex issues and delivering clean, high-quality code in Agile teams. Always learning and adapting to new technologies. Committed to building reliable, maintainable solutions that drive business success.

SKILLS

- Programming Languages: Core Java
- Query Languages: SQL, MongoDB
- Web Technologies: HTML, CSS, Javascript, React.js
- Frameworks: JDBC, Hibernate, Spring Boot
- Backend technologies: Node.js, Express.js
- Tools: Eclipse, Visual Studio
- Cloud Platform: AWS
- Version Control Tools : Git & Github
- Build Tool: Maven
- Container Tool: Docker
- Operating System: Linux
- Scripting language: shell/bash scripting

PROFESSIONAL EXPERIENCE

AGRO RISE

06/2022- 05/2024

- Farmers lacked unified record-keeping and timely alerts for inputs & compliance.
- Built a farm diary system with input tracking (fertilizer, irrigation, spraying), offline logging, and alert flags.
- Designed & implemented mobile + web apps; configured alerts; integrated weather & expert advice modules.
- Enabled farmers to delay sales for better prices, increasing farm incomes on average by 20%.
- Increased frequency of field logs by 70%, improving decision-making and detection of issues 30% earlier.

JNANA APPLICATION

- Users of the application were experiencing delays in content loading and progress tracking due to inefficient backend queries and lack of pagination / filtering.
- Enhance CRUD operations for course modules, user roles, progress tracking; optimize data retrieval and API design.
- Introduced paging/filtering in endpoints, optimized database indexing, improved query structure, added caching where applicable.
- Improved endpoint throughput by 20-25%, reduced database query load by 35%, and decreased client-side waiting time (frontend perceived latency) by ~25%.

EDUCATION

Reva University
Bachelor Of Technology
CGPA :9.43

2018-2022