

Amal Ashok

Kochi | +91 9072988148 | amalashokunni345@gmail.com

PROFESSIONAL SUMMARY

Results-driven Software Engineer with over 2 years of experience in developing full-stack web applications. Specialized in microservices architecture, backend development, and database optimization. Adept at JavaScript, Node.js, Angular, and modern technologies like Kafka. Committed to delivering robust, scalable, and high-performance software solutions. Looking to contribute technical expertise and innovative thinking to a progressive organization.

SKILLS SUMMARY

- **Languages:** JavaScript, TypeScript, PHP, Java
- **Runtime Environments:** Node.js
- **Frameworks:** Angular, Express.js
- **Technologies:** Microservices, Kafka, PostgreSQL, Elasticsearch, Redis
- **Libraries:** Jest, Mockito
- **Tools:** Git, Postman, VS Code
- **Soft Skills:** Team Collaboration, Problem Solving, Time Management, Effective Communication

WORK EXPERIENCE

Software Engineer | Gadgeon Systems Inc, Kochi

August 2022 – Present

Assigned as an outsourced employee to **Kore Wireless**, contributing to the development and optimization of their **ConnectivityPro** project.

- Designed, developed, and optimized **ConnectivityPro**, focusing on backend API development, frontend components, and database schema design.
- Developed an auto-retry and polling mechanism to improve system reliability and ensure seamless handling of transient failures.
- Implemented batch consuming in **Apache Kafka** based on topic lag, enhancing data processing efficiency and reducing latency in high-throughput scenarios.
- Integrated **Kafka** to enable real-time data streaming, improving data processing and event handling capabilities.
- Utilized **Elasticsearch** to implement efficient and scalable search functionalities, resulting in faster data retrieval and improved user experience.
- Optimized **SQL** database queries to enhance application performance, reduce latency, and improve throughput.
- Implemented unit test cases using **Jest** and **ts mockito**, ensuring high code coverage, early bug detection, and improved software reliability.
- Conducted code reviews and maintained high-quality code standards, reducing bugs through improved code practices.
- Collaborated with cross-functional teams, including product managers, designers, and other developers, to define project requirements and deliver solutions within agile frameworks like **Scrum**

ACHIEVEMENTS

- **Standing Ovation (Q1 2024):** Received a standing ovation from the team for exceptional performance during the first quarter of 2024.

EDUCATION

- **Rajiv Gandhi Institute of Technology**
Master of Computer Applications; Percentage: 85%
- **Parumala Mar Gregorios College**
Bachelor of Computer Applications; Percentage: 78%

Kottayam
October 2020 - July 2022
Thiruvalla
July 2017 - March 2020

REFERENCES

- **Dins Simon**
Engineering Manager, Kore Wireless
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- **Abin Anil Varghese**
Senior Software Engineer, Gadgeon Systems Inc.
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