Shanthakumar Venkatesh

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To leverage my expertise in cloud-native application development, serverless architecture, and full-stack engineering to contribute to innovative, high-impact projects. I aim to grow into a senior engineering role where I can lead technical initiatives, mentor teams, and drive scalable solutions that enhance user experience and business value. Passionate about continuous learning, I aspire to stay at the forefront of emerging technologies while building products that create real-world impact.

### ****Experience Summary****

* 3+ years of hands-on experience in building and deploying scalable, cloud-native applications.
* Designed and implemented **event-driven serverless architectures** using **AWS Lambda, API Gateway, S3, DynamoDB**, and **EventBridge**.
* Built real-time data integrations using **Kafka**, handling payload decoding, enrichment, and secure publishing to **Google Pub/Sub**.
* Developed and maintained **data pipelines** to process large CSV datasets from S3, with reliable API invocation and downstream data mapping.
* Proficient in full-stack development using **Node.js, React, and TypeScript**, creating responsive UIs and robust backend services.
* Provisioned cloud infrastructure using **AWS CDK (TypeScript)**, enabling reusable and secure infrastructure-as-code patterns.
* Collaborated with cross-functional teams (QA, DevOps, Product) in agile environments to deliver production-grade features.
* Focused on automation, performance optimization, and clean coding practices to improve deployment velocity and system resilience.
* Strong attention to detail and commitment to data accuracy, system integrity, and maintainability.

# Professional Experience Anko | Engineer | Bengaluru, India | Nov 2024 – July 2025

* Developed and deployed event-driven serverless architectures using **AWS Lambda**, **S3**, **DynamoDB**, **EventBridge**, and **API Gateway** to automate data-driven workflows.
* Built and maintained real-time **Kafka integrations**, including self-managed Kafka sources, payload decoding/enrichment, and secure publishing to **Google Pub/Sub**.
* Provisioned infrastructure using **AWS CDK (TypeScript)** for Lambda functions, EventBridge Pipes, API Destinations, and VPC resources.
* Engineered scalable data pipelines to process **S3-hosted CSV files**, map product/carton/order data, and securely invoke downstream APIs with high reliability.

**Crediwatch | Engineer | Jan 2023 - Nov 2024**

 Developed and maintained responsive frontend applications using React and TypeScript, integrated with scalable RESTful APIs to ensure smooth user experiences across devices.

 Implemented reusable UI components and data-driven interfaces, enabling rapid development cycles across multiple product modules.

 Automated data validation and transformation processes, improving accuracy in financial datasets and reducing manual intervention.

 Played a key role in improving production efficiency by introducing modular code practices.

**Design Esthetics | Software Developer | Aug 2022 - Dec 2022**

 Built and optimized backend services for data entry and validation workflows, ensuring high throughput and accuracy using Node.js and MongoDB.

 Developed tools for automated data cleansing, duplication detection, and address normalization, enhancing overall data integrity.

 Collaborated with QA and data teams to streamline manual entry tasks through UI enhancements and validation rules using React and JavaScript.

 Designed and implemented logging and monitoring dashboards to track daily data operations and anomalies in real-time.

**Melissa Data Corporation | DEO | Nov 2021 - Aug 2022**

- Strong attention to detail and ability to ensure accuracy in entering and verifying data, maintaining data integrity and reliability.

- Took initiative to collaborate with developers on UI improvements, gaining hands-on exposure to HTML, CSS, and basic JavaScript in real-world applications.

# Education

Anna University Hosur  
Master's of Computer Application  
July 2018 - September 2020  
Percentage: 76%

Periyar University Hosur  
Bachelor's of Computer Science  
June 2015 - June 2018  
Percentage: 67%

Place - Bangalore