

# Vaisakh KJ

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## Objective

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Experienced Software Engineer with expertise in AWS and microservices development, seeking opportunities to apply my technical knowledge and contribute to innovative projects

## Experience

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**Software Engineer** — Avasoft

Duration: 1 year 2 months

- Designed and implemented efficient microservices using Node.js, JavaScript, and TypeScript.
- Collaborated with cross-functional teams to resolve service-related issues.
- Led end-to-end development from requirements gathering to production deployment and support.
- **AWS Expertise:** API Gateway, Lambda functions, Simple Queue Service, Simple Notification Service, Cognito User pool, Cloud Watch, S3.
- **Languages:** JavaScript, TypeScript, Golang , HTML , CSS.
- **Databases:** PostgreSQL DB, DynamoDB.
- **Communication Protocols:** HTTP, HTTPS.
- **Versioning:** Gitlab.
- **Tools:** Postman, VS Code.

## Projects

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**a) Rent to Own Company USA - Microservices Development: Position:** Developer

**Technologies:** Node.js, AWS Lambda, Jira, API Gateway, Cloud Watch

**Versioning:** Gitlab

- Analyzed, designed, and developed microservices.
- Created Lambda services in TypeScript for customer and delivery-related services.
- Implemented Jest test cases and AJV validator.
- Utilized Gitlab for version control and AWS for deployment.
- Verified responses using Postman and monitored logs with Cloud Watch.

**b) Rent to Own Company USA - Salesforce Integration: Position:** Salesforce Developer

**Technologies:** Node.js, AWS Lambda, Jira, API Gateway, Cloud Watch, Salesforce

**Versioning:** Gitlab

- Developed and managed product APIs for data synchronization.
- Established communication between Salesforce and external systems via microservices.
- Designed batch processes for product integration with RMS database.

## Activities and Achievements

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- Coordinated cultural events at D.G. Vaishnav College.
- Anchored a national-level technical symposium at SA Engineering College.
- Led a team to secure the 3rd position in the hackathon competition with the project "Smart Dustbin."

## Internship and Projects

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### Internship Projects:

1. **SMART DUSTBIN:** IoT-based dustbin with object detection using Arduino and ultrasonic sensor.
2. **IFFTT PROJECT:** Created applets using Google Assistant with Trello through IFTTT platform.
3. **NODE-RED PROJECT:** Created timestamp and string messages to be displayed every 5 seconds. Developed a basic restaurant webpage using HTML.

## Certifications

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1. Internet of Things (IoT) from Verzeo.
2. IoT Internship completion certificate from Internspool.
3. Social Media Marketing from Programming Hub.

## Education

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### Master of Computer Application (MCA)

SA Engineering College, Tamil Nadu

CGPA: 8.2

### Bachelor of Computer Application (BCA)

DG Vaishnav College, Tamil Nadu

CGPA: 8.5

### Higher Secondary

Revoor Padmanabha Chetty's Matric Higher Secondary School, Chennai

Percentage: 88.66%

### SSLC

Nava Jyothi Vidyalaya Matric Higher Secondary School, Chennai

Percentage: 90%

## Languages

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- English: Read / Write / Speak
- Malayalam: Read / Write / Speak
- Tamil: Read / Write / Speak

## Interests

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- Dance
- Sketching and Painting
- Fitness