

Ben Basil Tomy

+91-8289918876 | benbasil00@gmail.com | <https://www.linkedin.com/in/ben-basil-tomy-5533b9218/>

PROFESSIONAL SUMMARY:

- Experience in back-end development.
- Experienced in AWS, S3, SQS, Docker, JavaScript, TypeScript, HTML, CSS, Node.js, Express.js, MongoDB, NATS, REST API .

WORK EXPERIENCE: 1 YEARS 6 MONTHS

Junior Software Developer

Cavli Wireless

Jul. 2023 – Present

Kerala, India

TECHNICAL SKILLS

Back-end: Node.js, Express.js, JavaScript

Front-end: HTML, CSS

Developer Tools: Git, VS Code, Postman

Database: MongoDB, MySql

EDUCATION

Mar Athanasius College of Engineering

Master of Computer Applications

Kerala, India

Aug. 2021 – Jun. 2023

BPC College

Bachelor of Computer Applications

Kerala, India

Aug. 2018 – Jun. 2021

PROJECTS

Cavli Hubble

Aug. 2023 – Present

Product Overview:

The product is an IoT connectivity platform integrated with Cavli smart modules via the proprietary Hubble Stack software. It enables remote diagnostics, over-the-air updates, network provisioning, and subscription management, providing scalable and efficient control over millions of globally deployed devices.

Core Responsibilities:

- Collaborated with a team to develop a feature within the IoT module management platform that facilitates data transmission from IoT modules to AWS Kinesis using the MQTT protocol.
- Facilitated the development of utilities with AWS services, including SQS, S3, and Kinesis.
- Collaborated in engineering and documenting a proof of concept (POC) and high-level architecture for seamless data transfer from IoT modules, utilizing NATS and Redpanda Connect.
- Cooperated with cross-functional teams to integrate open-source software like NATS, Redpanda Connect into existing applications, resulting in reliable data transfer that improved overall performance metrics from previous versions without sacrificing functionality.
- Coordinated with 2 different teams to implement a device advisory test using AWS IoT Core, for inclusion of devices in the AWS Partner Device Catalog.
- Engaged in initiatives involving the utilization of a microservices based architecture.

Technologies/ Tools:

AWS, S3, SQS, Docker, JavaScript, TypeScript, Node.js, Express.js, MongoDB, NATS, REST API

Role: Back End Developer