

# Kunguma Vishnu Saravanan

Coimbatore, Tamil Nadu, India

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I am an Aspiring Software Engineer with almost 2 years of experience in Software Development. I have a strong desire to learn skills and technologies that can help solve real-world problems and make people's lives better.

## PROFESSIONAL EXPERIENCE

ASSOCIATE SOFTWARE ENGINEER | EDGEVERVE SYSTEMS(FINTECH) Dec' 2021 - Present

- Developed REST APIs for new service request features like Activity Dispute and Credit Card Upgrade for retail and corporate banking account users. Integrated with the core system and created test cases with Junit and New-man to test during the build process.
- Created a new cache model using Redis for a one-click pre-approved loans feature for retail users. Thus improving the speed of data retrieval by 85%. Thus significantly improved user clicks.
- Created NodeJS/MongoDB tool to monitor and parse logs of an internal development tool. Thus recording the user activity to provide a better user experience and measure overall usability across the organization.
- Automated update of internal development tool using Jenkins.

ENGINEER TRAINEE | EDGEVERVE SYSTEMS(FINTECH) Oct' 2021 - Dec' 2021

- Learned the basics of technologies like Java, SpringBoot and ReactJS.
- Lead a team of 5 people to develop a capstone application to mimic the internal core system with some basic features.
- Created Java SpringBoot REST API for the backend along with MongoDB for transactions and PostgreSQL for account metadata. Also created a data dump for the databases.
- Developed UI for capstone application using ReactJS, TypeScript and Material-UI.
- Volunteered as DevOps anchor to handle build failures in the development environment. And thus document all the processes.

**Award** *Best Training project of the batch - 2021*

INTERNET OF THINGS INTERN | THOUGHTWORKS Jun' 2019 - Sept' 2019

- *Automated Energy Monitoring system* - Developed an engineering IoT solution to automate energy monitoring, tracking and billing for a large geographical area using NodeJS, PostgreSQL, Arduino, LoRa network and The Things Network API.

## PERSONAL EXPERIENCE

### PROJECTS

- *Intelligent Accident Assistance System* - Developed a simple engineering IoT solution to assist victims of accidents by communicating with emergency services on time.

## EDUCATION



Coimbatore Institute of Technology

2015-2019

Bachelor of Technology, Information Technology

**Award** *Best Innovative Project of the year 2019, Intelligent Accident Assistance System*

## TECHNICAL SKILLS / TECH STACK

JavaScript, TypeScript, NodeJs, Express, React, MongoDB

Java, SpringBoot, PostgreSQL, Redis, Gradle

Git, Jenkins, Postman, Newman, Shell, Apache Tomcat

Data Structures, Algorithms, OOPs, Amazon Web Services(AWS)

HTML, CSS, C

Windows, Linux