

# FASNA C

Java Full Stack Developer Trainee

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## Education

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- **Government Engineering College Idukki** - Kerala Technical University, Electronics & Communication Engineering (2020-2024)

CGPA: 7.65

## Skills Summary

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- Languages: Java
- Tools: Eclipse, Postman, GitHub, Arduino, AutoCAD, Fritzing, LTspice, Figma, Edge impulse, MATLAB, Visual Studio, Canva ,MySQL
- Databases: SQL
- OS: Windows, Android, Linux
- Web-Development: Java, HTML, CSS, Angular, Spring ,Spring Boot,Hibernat
- Documentation

## Projects

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1. **Currency converter API Integration:** Built a Spring Boot application that integrates with a public API to provide real-time currency conversion

2. **Calculator:** Built a calculator using AWT and Swings

## Academic Projects

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• **Asset tracking and monitoring system:** This is a tracker for supply chain management, aiming to track the location of assets for long range with the help of LoRa gateway and monitoring the movement (Using TinyML) of assets to prevent asset theft. The technology stack used in this project is

IoT, Machine learning, LoRaWAN etc

- **Third Eye for Blind - Ultrasonic Glove:** It is a simple glove set made for navigating blind people in both outdoors and Indoor. Used components are Arduino nano, Ultrasonic sensor, Vibrator motor, and buzzer. The weared glove helps to find the nearby obstacles and objects through vibration and Buzzer
- **Automatable Dosa-Maker:** This is basically a automatic Dosa maker builded as part of LEAP (Learning Engineering through Activity program) Conducted by Incubation Cell-IIT Mandi.

## Experience

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### Java Full Stack Developer Trainee

*Quest Innovation Solutions-September 2024 (Present)*

- Currently undertaking a structured training program in Java full-stack development.
- Learned core Java,SQL,HTML,CSS,JavaScript, JQuery,Bootstrap,currently learning spring and Spring Boot
- Building Front-end components using HTML, CSS, JavaScript and Angular
- Actively developing strong foundational skills in object-oriented programming, Java Collections Framework, and multi-threading.

## Certifications

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UDEMY-JavaScript: Understanding the Weird Parts (2024 Edition)

## Achievements & Awards

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- First prize in GTA CODESTORM (36-hour hackathon) Conducted by Gtech Mulearn (In hardware Domain)
- First prize Technical Quiz Conducted by T works
- First Prize in Robotic ideation contest Conducted by IEEE SB MACE
- Second Prize in Technical Article writing conducted by IEEE PES GECI

## Volunteering & Mentoring

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- Vice Chair of IEEE RAS, IEEE Student branch GECI – 2022
- Code Vita campus Ambassador, TCS - 2023
- Zonal Lead, Gtech Mulearn – 2023
- Chapter Lead, Talrop – 2022
- Campus Ambassador, Skill-Lync - 2021