

Muralikrishna Jakkamsetti

Software Developer | BTech | Electronics and communication Engineering

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WORK EXPERIENCE

Samtex Solutions | Software Developer

Dec 2024 - Present

- Developed responsive **web applications** using Html, CSS, JavaScript and **Spring Boot**, improving user engagement.
 - Collaborated with a team of four to implement a **RESTful API's** using **Spring Boot**, ensuring seamless data flow between the frontend and backend.
 - Integrated **JWT-based authentication**, securing user access for more than 100+ accounts.
 - Implemented **Data structures and algorithms** to reduce time and space complexity.
 - Developed Python Applications to read data from IOT devices and store in database.
 - Deployed applications on on-premise server, ensuring scalability and 99.9% uptime
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EDUCATION

Electronics and communication Engineering

Gudlavalleru Engineering college (BTech) - 7.3

[2019-2023]

PROJECTS

Fraud detection system: [🔗 https://github.com/Muralikrishna23/FrauddetectionSystem](https://github.com/Muralikrishna23/FrauddetectionSystem) [Sep 2025 - Nov 2025]

- Developed fraud detection system with **Spring Boot 3.x**, **Java 17**, **MySQL**, featuring real-time transaction analysis using multi-algorithm detection (amount, frequency, location, time-based rules).
- Implemented **blockchain-based audit trail** with **SHA-256 hashing** and **smart contract automation** for automated fraud response actions, ensuring tamper-proof records and 24/7 protection.
- Designed 20+ **REST APIs** with **Spring Security**, **Kafka event streaming**, and **Docker deployment**, processing transactions with configurable risk thresholds..
- Designed and implemented **smart contract automation engine** that executes **automated fraud responses** (**account blocking**, **fund freezing**, **2FA enforcement**) based on **risk scores**, enabling **24/7 fraud protection** without manual intervention.

Portfolio : [🔗 https://muralikrishnaj.netlify.app/](https://muralikrishnaj.netlify.app/)

[June 2025 - Aug 2025]

- Built a modern portfolio website using Angular 17+ standalone architecture featuring glassmorphism UI, custom cursor particles, floating background animations, and dark/light theme system with localStorage persistence.
 - Developed 4-page SPA with lazy loading, scroll animations, typewriter hero effect, animated skill progress rings, and 3D project card transformations using CSS keyframes and Intersection Observer API.
 - Architected component-based structure with dedicated services (Theme, Animation, Portfolio, Contact), TypeScript interfaces, and responsive mobile-first design with accessibility support.
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SKILLS

- **Languages:** Java, JavaScript, Python
- **Frameworks:** Spring, Spring boot, Angular, Flask, Django
- **Cloud/Databases/Tech-Stack:** MySQL, PostgreSQL, MongoDB, No-SQL, AWS Services, Docker,