

CHENCHU LEKHANA

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SUMMARY

A strong passion for solving real-world technological challenges with a keen interest in cutting-edge technology. Dedicated and motivated, with the ability to thrive in fast-paced professional environments, excelling in communication and effective team building. Focused on driving innovation and streamlining processes to help organizations stay ahead in the rapidly changing digital environment.

EDUCATION

Vellore Institute of Technology, Chennai, Tamil Nadu
Bachelor of Technology in Electrical and Electronics Engineering
June 2020 – April 2024 | GPA: 7.8/10

Sri Chaitanya Academy College, Tirupati, Andhra Pradesh
MPC (Mathematics, Physics, Chemistry)
June 2018 – April 2020 | GPA: 10/10

Veda Vyasa Vidya Niketan, Puttur, Andhra Pradesh
Senior Secondary Education
June 2017 – April 2018 | GPA: 9.7/10

SKILLS

- Programming Languages:** Core Java, Python
- Database Management:** SQL
- Web Development:** HTML, CSS, JavaScript, React
- Frameworks:** Springboot
- Software Development Methodologies:** Agile, Scrum

PROFESSIONAL EXPERIENCE

Java Developer Intern | HulkHire Tech, Hyderabad
Technologies: Spring Boot, Microservices, Postman, AWS

- Integrated Stripe Payment Gateway with Spring Boot microservices, ensuring secure and efficient transaction processing.
- Developed payment status management, enhancing reliability and user experience.
- Built RESTful APIs following best practices, integrating third-party Stripe APIs for seamless PSP operations.
- Worked in an Agile environment, contributing to a scalable payment system hosted on AWS.

TECHNICAL PROJECTS.

1. Public Transport Monitoring System

- Designed a public safety model using sensors and an ESP32 module. Developed a website for monitoring transit data by users and administrators.
- Real-time monitoring of public transport, ensuring public safety.
- Integrated IoT technology to improve the efficiency and safety of public transportation.

2. Responsive E-commerce Website Design

- Designed a user-friendly e-commerce website using HTML and CSS with responsive layouts and media queries.
 - Created a product catalog with grid layouts, showcasing images, product names, and prices.
 - Implemented a navigation bar with links to Home, Shop, Cart, and About pages for smooth navigation.
- Applied modern CSS styling with hover effects to enhance the visual appeal and user experience

3. IoT-Based Weather Monitoring System for Smart Cities

- Utilized IoT for real-time weather monitoring Investigated the potential of machine learning algorithms for precise weather forecasting.
- Significant in understanding algorithmic use for accurate prediction.
- Real-time data monitoring for smarter decision-making in urban areas.

CERTIFICATIONS

- Microsoft Security, Compliance, and Identity Fundamentals, Electric Power System, Virtual International Conference (SCES 2024).