

# D VANITHA

Full-Stack Web Development

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[GitHub](#) | [Linkedin](#) | [Portfolio](#)

## EDUCATION

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### IIIT RGUKT RK VALLEY

ECE BTech

CGPA: 7.5

KADAPA

2021 - 2025

### IIIT RGUKT RK VALLEY

MPC PUC

CGPA: 8.26

KADAPA

2019 - 2021

### ZPHS THAVANAMPALLE

Degree in HIGH SCHOOL 10th

CGPA: 10.0

CHITTOOR

2018 - 2019

## EXPERIENCE

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### Tap Academy | Full-Stack Web Developer

Bengaluru,India | July - 2025 - February - 2026

Java Full Stack Web Development program at Tap Academy, focusing on Core & Advanced Java, Collection Frameworks, JDBC, MySQL, HTML, CSS, JavaScript, and deployment. Developed real-time web applications through hands-on projects and strengthened problem-solving and coding skills.

### Machine Learning With Python | Internship

Remote | Oct-2023 - Dec-2023

Gained knowledge of machine learning using Python libraries like scikit-learn and pandas. Learned data preprocessing, model training, and evaluation techniques.

## SKILLS

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Programming Languages: Core Java, Python, HTML5, CSS3, Advanced Java

Libraries/Frameworks: JavaScript

Tools / Platforms: VS CODE, GITHUB, GOOGLE COLAB PYTHON, Eclipse

Databases: SQL

## PROJECTS / OPEN-SOURCE

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### Digital Banking Management System | [Link](#)

Core Java, Advanced Java (Servlets, JSP, JDBC), HTML, CSS, MySQL, Apache Tomcat

Developed a web-based Digital Banking Management System enabling user registration, secure login, account management, balance enquiry, fund transfers, and transaction history. Built using Core & Advanced Java, HTML, CSS, and MySQL to ensure secure, reliable, and efficient online banking operations.

### Home And Industrial Safety Fire And Gas Leakage Detection System | [Link](#)

Gas sensors (MQ series), Flame sensor, Arduino/ESP32, Buzzer, IoT (optional), Relay.

Gas sensors (MQ

Developed a fire and gas leakage detection system using sensors with buzzer and alerts for immediate response. The system enhances safety by real-time monitoring and automatically cutting off appliances using relays.

## CERTIFICATIONS

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- Embedded Systems - Internshala.
- Machine learning with python - Coincent.
- Workshop based on Robotics and Internet of Things - IIIT RGUKT RKVALLEY.
- Full-stack web development - **Tap Academy**