

M Vishnuvardhan Reddy

Backend Developer, Java Full Stack Developer

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<https://my-protolio-wine-beta.vercel.app/>

Summary

Backend and full-stack developer experienced in building scalable web applications using Java, SQL, and PostgreSQL. Strong at designing efficient backend systems and converting real-world requirements into clean, maintainable solutions.

Skills

Programming: Java, SQL

Frameworks: Spring Framework

Databases: PostgreSQL, SQLite

Web Technologies: HTML, CSS

Testing: Manual Testing (Test Cases, Bug Reporting)

Tools: Git, GitHub, VS Code

Projects

Enhancing Security of Healthcare Data in Cloud Computing Environment (Final Year Project) / Java

A final-year academic project focused on improving the security and privacy of sensitive healthcare data stored and processed in cloud environments. Implemented ML algorithms for crop recommendation and yield prediction using soil, weather, and historical datasets.

- Secure data storage using encryption techniques.
- Access control and authentication mechanisms.
- Protection against data breaches in cloud platforms.

HTML5 Video Voting System/ HTML, CSS, JavaScript, Python, SQLite

A web-based online voting system developed using HTML5, CSS, and JavaScript, enabling secure voting through video-based verification CSV export functionality, and automated SMS alerts.

- HTML5 video integration for voter verification.
- Client-side validation for secure voting.
- User-friendly interface with responsive design.

Education

B. Tech – Computer Science (Artificial Intelligence)

MJR College of Engineering and Technology, Piler

2022 – 2026

Percentage: 60.5%

Intermediate – MPC

N A R M J Govt College, Kalikiri

2020 – 2022

Percentage: 61.0%

Secondary School

AP Model School, Sodum

2019 – 2020

Percentage: 98%

Certifications

- **Python Internship – SkillDzire:** Completed a hands-on internship focused on Python programming, automation, and mini-project development.
- **NPTEL Certification – IIT / Government of India:** Completed a nationally recognized course covering core concepts with practical and theoretical assessments.
- **Python & Web Development – WebVoid Technologies:** Trained in Python-based web development, HTML, CSS, JavaScript, and building responsive web applications.