

KAVYANJALI THUNUGUNTLA

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ABOUT

Passionate Software Developer with a strong foundation in Java, and Python programming. Skilled in Operating System, and full-stack development. Experienced in working with software applications using Python, java and React.js. Eager to apply problem-solving skills to develop scalable and efficient solutions.



EDUCATION

Vellore Institute of Technology

Integrated M-tech Computer Science | CGPA: 8.9/10

2021 - 2026

Narayana Junior College

BIEAP (Class XII), Score: 970/1000

2019 - 2021

Narayana School

BSEAP (Class X), CGPA: 10/10

2018 - 2019

SKILLS

- **Programming Languages:** Java, SQL, Python, C.
- **Databases and Tools:** MYSQL, Git, VS Code, Jenkins, MS Excel.
- **Web Technologies:** HTML5, Css3, React.js.
- **Courses:** Data Structures & Algorithms, Object-Oriented Programming, Computer networks, DBMS, Operating Systems.
- **Soft Skills:** Business Communication, Scalability, Critical Thinking, Problem-Solving, Leadership and Research.

WORK EXPERIENCE

Orblike Technologies | Software Developer Intern

May 2023 – August 2023

- Engaged in JIRA Sprint review meetings to demonstrate completed work and gather feedback from stakeholders.
- Designed and implemented the user interface using HTML5, CSS3, JavaScript, and ReactJS.
- Achieved a 20% reduction in API response time through query optimization, improving application efficiency.
- Participated in code reviews and contributed to continuous integration and deployment processes using Git.

ACADEMIC PROJECTS

DocuChat-Pro

Dec 2024

Developed innovative PDF chatbot for seamless interaction with the document.

- Utilized Large language models to enhance chatbot functionality, optimizing responses for efficiency.
- Leveraged Streamlit intuitive interface to create a user-friendly platform.
- Integrated Lang Chain framework into the application, enabling data-awareness and agentic features.

AI-Powered Disease Prediction System

May 2024

Developed a healthcare-focused disease prediction system to provide accurate diagnoses and medical recommendations.

- Developed a Flask-based web application for disease prediction using a Support Vector Classifier (SVC) model.
- Designed a user-friendly interface with HTML, CSS, and Bootstrap for seamless user interaction.
- Managed data processing, model training, and automated test development to ensure accurate health insights.

Echo Mute

Dec 2024

Developed an automated sound management system for smart silent mode control.

- Developed an Android app in Java for automating the silent mode of mobile devices.
- Implemented smart triggers like scheduling, geofencing, and Wi-Fi status to adjust sound profiles.
- Utilized Android APIs for seamless automation, enhancing user convenience and focus.

CERTIFICATIONS AND ACHIEVEMENTS

- AI-900 Microsoft Certified: Azure AI Fundamentals.
- Data Structures and algorithms with C on intern Shala.

Leadership and Volunteer Experience

- In the last five years, I showcased leadership as a volunteer social worker at Art of Living, aiding those in need.