Pavani Madhyannapu

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PROFILE

Computer Science master's student focused on building software and exploring new technologies. Passionate about solving real-world problems through code, with a focus on simplicity, clarity, and maintainability. Curious by nature and always eager to learn, improve, and take on meaningful challenges in software engineering.

TECHNICAL SKILLS

Programming Languages: C, Java, Javascript, HTML, CSS
Database: MySQL, MongoDB
Tools: Git, GitHub, Wireshark, VS code
Areas of Interest: Full Stack Development, Data structures and Algorithms, DBMS, Artificial Intelligence.

EDUCATION

Masters in Computer and Information Sciences   01/2024 – Present
Western Illinois University
Master of Computer Applications   06/2021– 08/2023
Adikavi Nannaya University
Bachelor of Science in Computer Science   06/2018 – 04/2021
Krishna University

INTERNSHIP

Cyber Security Analyst   05/2020 – 08/2020

Hyper Techno Solutions, Vijayawada.

WORKSHOP AND CERTIFICATIONS

Programming in Java — NPTEL
Covered core Java concepts including OOP, exception handling, collections, and basic data structures.

Full Stack Development Workshop
 Hands-on experience with frontend and backend technologies, including Java, JavaScript, REST APIs, and databases.

PROJECTS

Placement Portal
Built a platform for students to browse job listings, apply for internships and jobs, and track their application status with an easy-to-use interface. Hotel Management System

Hotel Management System
Designed a system to handle hotel bookings, room status, check-ins, and check-outs with a clear and organized user flow.

Password Generator
Created an app that generates strong, random passwords based on user-defined criteria.

PUBLICATION

An Efficient Spam Detection for IoT devices using Machine Learning – IJAEMA

 Published research on spam detection techniques, exploring advanced methods for identifying and filtering spam effectively.