

PANTHULA RUSHIKA

- » Status: DRDL Web Development Intern – Completed a full-time internship in web application development.
- » Skills: Java, Python, JavaScript, MySQL, HTML, CSS
- » Interests: UI/UX, Figma Design, Cisco Packet Tracer, AI, ML
- » Activities: Sports, Photography, Editing
- » Achievements: Member of Sports Club · RASEFT 2024 Participant · Organizer of IEEE CodeCrack Challenge

»»» Experience

- 01/05 – 30/05 **Web Development Intern** Defence Research and Development Laboratory (DRDL)
- » Completed a web development internship focused on designing and developing a Leave Management System.
 - » Built responsive front-end interfaces using HTML, CSS, and JavaScript to ensure a user-friendly experience.
 - » Implemented server-side functionality using JSP and integrated MySQL for secure data handling and storage.
 - » Gained practical experience in full-stack development, including debugging, deployment, and performance optimization.

»»» Projects

Employee Leave Management System

- » • Developed a full-stack web application to manage employee leave requests, approvals, and history tracking.
- » • Built the front-end using HTML, CSS, and JavaScript to provide an intuitive interface for both employees and administrators.
- » • Implemented business logic using JSP and Java Servlets, and connected the application to a MySQL database for persistent storage.
- » • Included secure login, user-specific dashboards, leave balance calculation, and admin-level approval management.
- » • Tools Used: HTML, CSS, JavaScript, JSP, Java, MySQL, Apache Tomcat.

End-to-End Data Packet Transfer (Cisco Packet Tracer)

- » • Designed and simulated a data packet transfer system in Cisco Packet Tracer, emphasizing core networking concepts without routing protocols.
- » • Configured both wired and wireless peer-to-peer LANs to demonstrate local and cross-network communication.
- » • Simulated realistic data flow between devices using MAC addressing and IP configuration techniques.
- » • Progressed from simple wired setups to hybrid wired-wireless topologies, reflecting real-world networking environments.

»»» Education

- 2022 – 2026 **B.Tech in Computer Science and Engineering** Maturi Venkata Subba Rao Engineering College, Nadergul
- » Currently pursuing B.Tech with a CGPA of 8.5 (up to the latest semester).
- 2020 – 2022 **Intermediate (MPC)** Siddarth Adharsha Junior College, Medak
- » Completed Higher Secondary Education with 919 marks out of 1000.