

# S Jaideep Raj Dutta

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## EDUCATION

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- **Chaitanya Bharathi Institute of Technology(CBIT)** Hyderabad, Telangana  
*B.Tech in Computer Science (IoT, CyberSecurity including Blockchain Technology)* 2023 – 2027

## EXPERIENCE

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- **Celume Studios Pvt. Ltd** Hyderabad, Telangana  
*Full Stack Developer Intern* June 2025 – August 2025
  - **Full-Stack Development:** Built core modules for an e-commerce platform using React, improving component loading by 15%.
  - **API Work:** Developed and integrated 10+ REST APIs for products, users, and order workflows.
  - **Database Models:** Designed 3+ models and optimized MySQL queries to reduce redundant data by 10%.
  - **Team Collaboration:** Worked with a 4-member team in agile sprints to deliver weekly feature updates.
- **Oasis Infobyte** Remote  
*Cybersecurity Analyst Intern* July 2025 – August 2025
  - **Scanning & Enumeration:** Performed 20+ scans using Nmap to identify open ports, exposed directories, and misconfigurations.
  - **Firewall Setup:** Configured 5+ UFW rules to secure SSH/HTTP access and block unnecessary services.
  - **Threat Reports:** Created 6+ concise reports outlining risks like phishing, ransomware, and DDoS with mitigation steps.
  - **Tools Used:** Hands-on with Kali Linux, Nmap, Nikto, and UFW across multiple test scenarios.

## PROJECTS

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- **SCOUT — Automated Reconnaissance CLI Tool:** Built a Python-based recon tool performing 1,000+ passive checks via crt.sh scraping, DNS lookups, CNAME resolution, wildcard detection, and HTTP probing. Implemented threaded scanning (40–50% faster) and auto-export to JSON/CSV/Markdown for streamlined reporting.
- **Network Security Assessment Lab:** Conducted 20+ security tests on DVWA using Nmap and Nikto to uncover missing headers, exposed dirs, and backdoor files. Configured 5+ UFW rules that reduced reachable services by 70% and documented remediation steps.
- **PeerMart — Exchange Marketplace:** Developing a React + Node.js + MongoDB platform enabling users to exchange items. Built APIs for authentication, listings, and transactions, supporting early testing with sample listings.
- **HomeWorth AI — Property Price Estimator:** Created a regression-based ML model achieving 82% prediction accuracy using feature engineering on sqft, location, and amenities. Added preprocessing pipelines and SHAP-based explainability for transparent outputs.

## ACHIEVEMENTS & RESPONSIBILITIES

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- **Vice President – Film Club (Chhaaya):** Led a 40+ member team, coordinated short film productions, managed event execution, and helped increase club participation by 30% after 1 month of taking charge.
- **Secretary – Engineers Without Borders (EWB) CBIT:** Organized 5+ technical and community-driven events and coordinated 40+ volunteers for campus and outreach initiatives.
- **Social Service Volunteer – NSS CBIT & Chaitanya Spandana:** Contributed to 10+ fundraising drives and social outreach programs, supporting education, health, and community welfare activities.
- **Head Boy – Vignana Jyothi Public School:** Represented 600+ students, conducted assemblies, and handled leadership, discipline, and coordination responsibilities across school events.

## SKILLS

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- **Languages & Development:** Python, JavaScript, C++, Node.js, React, SQL, MongoDB
- **Cybersecurity & Tools:** Kali Linux, Nmap, Recon Tools, Git, Linux, Bash, Powershell, OWASP, Wirehark, BurpSuite, Forensic Tools