

Lekhya Ponnamanda

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EDUCATION

SRKR Engineering College, Bhimavaram

Bachelor of Technology in Computer Science and Engineering

Nov 2022 – Present

CGPA: 9.39 / 10.00

RELEVANT COURSEWORK

Data Structures	Software Methodology	Database Management	Computer Networks
Algorithms Analysis	Operating Systems	Artificial Intelligence	Computer Architecture

EXPERIENCE

AWS Intern – NIELIT | AWS EC2, S3, HTML5, CSS3, JS, VSCode

Jun 2024 – Aug 2024

- Launched a scalable cloud platform using AWS EC2 and S3, enabling 99.9% uptime for deployed services.
- Crafted responsive front-end interfaces using HTML5, CSS3, and JavaScript, improving UX by 40%.
- Streamlined collaboration by integrating Git and VSCode for agile-based workflows.

Web Development Intern – Coincent.ai | HTML5, CSS3, JS, Bootstrap, VSCode

Nov 2022 – Jan 2023

- Developed *Outfit*, a responsive e-commerce site, achieving <2s load time.
- Coded UI components using HTML5, CSS3, JS, and Bootstrap, increasing engagement by 30%.

PROJECTS

Crop Information Retrieval | HTML, CSS, JavaScript, PHP, XAMPP, MySQL

Mar 2025 – Apr 2025

- Built a web-based crop info system with image upload, serving 100+ records via backend queries.
- Designed front-end with HTML/CSS/JS; implemented backend logic in PHP and MySQL.
- Hosted locally with XAMPP; collaborated via GitHub for version control.

DSA Playground Website | HTML, CSS, JavaScript, React, Bootstrap

Feb 2024 – Mar 2024

- Developed a platform with 15+ DSA visualizations to aid beginner-level comprehension.
- Leveraged React and Bootstrap to deliver an interactive and responsive UI.
- Published live via Vercel; codebase maintained on GitHub.

ML Web Application | HTML, CSS, JS, Python, Flask, Bootstrap

Jun 2023 – Aug 2023

- Built an ML model to predict engineering student dropouts with 87% accuracy.
- Deployed Flask-based REST API and responsive UI with Bootstrap.
- Trained on UCI dataset; supported dynamic model selection via web form.

TECHNICAL SKILLS

Languages: C, C++, Python, Core Java, R, HTML5, CSS3, JavaScript, SQL, PHP

Libraries & Tools: NumPy (Basic), pandas (Basic), VS Code, Git, GitHub

Technologies/Platforms: AWS (Basic), MySQL, XAMPP, Bootstrap, React(Basic), Linux (Basic CLI)

CERTIFICATIONS

Software Engineering Job Simulation – Forage

Apr 2025

Certificate of Merit (Top 1%, 94.81%ile) – Naukri Campus

Dec 2024

Meta Hacker Cup Certification – Meta

Oct 2024

AWS Internship Completion – NIELIT

Jun 2024

Programming in C++ and Python – Cisco

Sep 2023

Web Dev Training Certificate – Coincent

Nov 2022

ACHIEVEMENTS

CodeChef: lekhyal55 (Rating: 1300+) – Solving challenging problems and advancing skills

LeetCode: lekhyal900 (Rating: 1420+) – Ranked 13,000/35,000 in 4 contests

GFG: code123corgex – Institution Rank: 43

HackerRank: lekhyal (3 Rating) – Proven algorithmic problem-solving

Meta Hacker Cup: Ranked 7,904/22,495 – Demonstrated strong problem-solving skills.

Google Girl Hackathon: Advanced to Round 2 – Highlighted innovation in tech challenges.