Venkata Surya Lakshmi Poduri

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github.com/podurisurya </> leetcode.com/u/suryalakshmi99/

Education

Vishnu Institute Of Technology	May 2022-2026
Bachelor of Technology in Information Technology (CGPA: 9.49 / 10.00)	*Bhimavaram, Andhra Pradesh*

MINOR:Artificial Intelligence and Data Science

Aditya Junior College	May 2020-2022
Intermediate (MPC) (Percentage: 96.9%)	*Palakollu, Andhra Pradesh*

Experience

Codeway   Jan 2024 – feb 2024
Codeway Intern

- Developed a Java-based student grade calculator with a 99% accuracy rate, enabling students to quickly assess academic performance and identify areas requiring focused improvement during the internship.
- Collaborated on multiple mini-projects using Core Java, applying control structures, exception handling, and file I/O operations to build modular backend functionalities and reinforce foundational programming concepts
- Applied object-oriented programming principles to optimize Java modules, reducing runtime by 20% and enhancing system scalability during internship at Codeway.

Projects

Complaints Portal | *NodeJs, HTML, CSS, ExpressJs, Firestore, MongoDB.*

- Designed and deployed a full-stack complaints management platform using Node.js and MongoDB to collect, store, and render user feedback. Enabled real-time likes and department-wise filtering,improving user experience by 35%.
- Prepared a backend system using Node.js and MongoDB, achieving a 40% improvement in response time for complaint submissions and updates.
- Enhanced database performance by implementing indexing in MongoDB, enabling real-time complaint tracking and reducing query execution time by 35%.

HematoVision | *Machine Learning*

- Developed HematoVision, a deep learning-based blood cell classification system using transfer learning on 12,000+ labeled images, enabling high-accuracy predictions for clinical, remote, and educational applications.

CERTIFICATIONS

- Java Programming – Codeway   Jan 2024 – Feb 2024
- DSA with Java – GeeksforGeeks   Sep 2024 – Sep 2025
- MongoDB for Developers – GeeksforGeeks   May 22, 2024
- Web Development – IBM via edX   Jun 21, 2024
- AWS Cloud Certification – Kyndryl   Feb 2025 – May 2025

Technical Skills

Languages: Java, Python(Basics), HTML, CSS, DSA(LinkedLists, Binary Trees, Graphs)
Scripting/Query Languages: SQL
Frameworks/Libraries: Node.js, Express.js, React.js
Databases: Snowflake, MySQL, MongoDB
Tools: VS Code, GitHub
Core Concepts: Object-Oriented Programming (OOPS), Database Management Systems (DBMS)

ACHIEVEMENTS / ACTIVITIES

- Ranked in the top 5% of the department at Vishnu Institute of Technology with a CGPA of 9.49
- Finalist out of 500+ teams in IOT Workshop.
- Participated in Flipkart Girls Wanna Code 6.0, gaining exposure to real world product challenges and collaborative software development.
- One of the participant in GDSC Hackthon