

Ullas S A

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Professional Summary

Enthusiastic Computer Science and Engineering student with strong problem-solving skills in Data Structures and Algorithms using Java. Experienced in building responsive frontend web applications using HTML, CSS, JavaScript, and Tailwind CSS, along with basic backend development using SQL, Node.js, and Express.js. Currently exploring AI fundamentals and beginner-level Generative AI tools to stay updated with modern tech. Passionate about clean UI, efficient code, and contributing effectively in both individual and team-based projects.

Projects

1). DSA Journey – DSA Practice & Analytics Manager

- Developed a full-stack web application using HTML, CSS, JavaScript, Firebase, and MongoDB to track and manage DSA practice across multiple platforms.
- Implemented core DSA problem-solving features, including problem logging, topic/platform-based filtering, and performance tracking.
- Designed a clean, responsive user interface with dark mode support and a dedicated profile page for managing user details and visualizing progress analytics.

2). Animal Herd Welfare Management System

- Developed a full-stack web app using HTML, CSS, JavaScript, Node.js, and Express.js to help farmers manage animal health and welfare.
- Features include buy/sell portal, veterinary support access, and government schemes info for farmers.
- Designed a responsive UI and deployed the frontend via GitHub Pages, ensuring accessibility and scalability.

3). Custom Chat bot – AI Conversation Interface

- Designed a responsive chat bot interface using HTML, CSS, JavaScript, Tailwind CSS, and Framer Motion for smooth real-time interactions.
- Integrated AI-powered responses via a custom REST API, enabling chat history, typing indicators, and dynamic animations for an enhanced user experience.
- Optimized the application for cross-device compatibility with a modern, accessible UI and improved performance.

Skills

Programming Languages: Java, Python.

Frontend: HTML, CSS, JavaScript, Tailwind CSS

Backend: Node.js, Express.js.

Database: SQL, MongoDB.

Tools: Git, Github.

Methodologies: Agile, Problem-Solving, Debugging, Team Collaboration

Education

K S Institute of technology	2022–26
Bachelor of Engineering in Computer Science	CGPA: 8.19
Shree Gitam PU College	2020–22
Pre University	95.3%
Jnana Poorna English Medium School State	2020
SSLC	90%

Certifications

- Web Designing & Development Boot Camp – Udemy (HTML, CSS, JavaScript, Responsive Design)
- Java Complete Course Using Visual Studio Code – Udemy (OOPs, Core Java, DSA Programs)

Achievements

Certificate of Appreciation – ICRIET 2025, KSIT, Bengaluru

Presented Animal Herd Welfare Management System, a socially impactful tech solution for agriculture.

Internships

InternPe Technologies — Java Programming Intern (Mar 2025)

- Gained hands-on experience with **Java programming, OOP concepts, and DSA implementation.**
- Worked on problem-solving assignments and beginner-level projects under mentorship.