

LOKAESSHWAR S

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EDUCATION

VIT Bhopal University BTech Computer Science and Engineering, specialization in Health Informatics GPA:7.93	Bhopal, India Jun 2022 - Aug 2026
ONGC Public School Grade 12 – CBSE – percentage – 71%	Pondicherry, India Jun 2018 - Jul 2019
Aathmalayaa Higher Secondary School Grade 10 – CBSE – GPA: 9.8	Pondicherry, India Jun 2016 - Jun 2017

SKILLS

- **Languages:** HTML5, JavaScript, Java, Python
- **Frameworks:** Tailwind/Bootstrap (CSS Frameworks), React.js, Angular
- **Tools:** Git and GitHub (Version Control Tools), Node.js
- **Platforms:** MongoDB (Database Platform), Linux (Operating System) ,
- **Technical Concepts:** Object-Oriented Programming, Data Structures and Algorithms

WORK EXPERIENCE

Web Development Intern at Octipack 3d LINK	Jul 2024 – Sep 2024
<ul style="list-style-type: none">• Developed an intuitive front-end for the company’s logistics platform using HTML, CSS, and JavaScript, ensuring a seamless experience across mobile and desktop screens for container space management.• Implemented machine learning models to refine 3D packing algorithms, boosting space utilization and logistics efficiency.• Expanded from front-end development to gain hands-on experience with Django, integrating both front-end and back-end solutions.	

PROJECTS

The Rustic Restaurant LINK	Sep 2024
<ul style="list-style-type: none">• Designed a website for a 100 % Seamless Dining Experience: book tables online, view a detailed menu, explore the restaurant’s ambiance, locate the restaurant with integrated maps, and contact through a user-friendly form.• Built with React for a dynamic front-end, and utilizing the MERN stack (MongoDB, Express.js, Node.js) for a robust and scalable back-end.	
Flight Booking System LINK	Jun 2024
<ul style="list-style-type: none">• Created a flight booking system with Angular and TypeScript, offering user-friendly interfaces for flight search and seat selection.• Enhanced user engagement and booking management by 40% through responsive design and real-time flight data integration.	
E-Commerce website LINK	May 2024
<ul style="list-style-type: none">• Built a full-featured e-commerce site using HTML, CSS, and JavaScript, accommodating over 100 products. Featuring product listings, shopping cart functionality, and secure checkout.	
Contributor At GSSoC’24 LINK	May 2024 – Aug 2024
<ul style="list-style-type: none">• Developed a hospital management system using MERN stack (MongoDB, Express.js, React.js, Node. js), which reduces workload by 70% focusing on patient management, appointments, and billing.• Contributed to the front end by implementing features and debugging.	

CERTIFICATES

Node.js & MongoDB: Developing Back-end DB Applications (IBM)	Jun 2024 – Aug 2024
<ul style="list-style-type: none">◦ Gained expertise in building back-end applications using Node.js and MongoDB.◦ Learnt database management, API development, and server-side scripting.	
Java Data Structures & Algorithms (Udemy)	Apr 2024 – Jun 2024
<ul style="list-style-type: none">◦ Mastered core data structures, including arrays, linked lists, trees, and graphs.◦ Developed problem-solving skills using sorting, searching, and dynamic programming techniques.	
HTML, CSS, and JavaScript for Web Developers (Coursera, Johns Hopkins University)	Nov 2023 – Dec 2023
<ul style="list-style-type: none">◦ Gained proficiency in front-end web development with HTML, CSS, and JavaScript.◦ Built responsive and interactive web pages, applying modern design principles.	

ACTIVITIES

- **Secured 3rd place** in the Healthcare Management System Hackathon at IIT Indore among **600+ participants** across India
- Engaged in **competitive programming**, actively solving problems on **LeetCode** and **GeeksForGeeks**. [LINK](#)
- Actively contributing to **open-source projects**, enhancing coding skills and collaboration experience.