

# DIVVELA SUMANTH

✉ [sumanth.d21@iiits.in](mailto:sumanth.d21@iiits.in) | 📞 +918885388997 | 🌐 [github.com/sumanth](https://github.com/sumanth) |

## Education

<b>Bachelor of Technology (Indian Institute of Information Technology, Sricity )</b>	August 2021 - May 2025
• Computer Science and Technology	<b>GPA: 8.65/100</b>
• Relevant Courses:Data Structures and Algorithms + Lab, Digital Logic Design + Lab, Computer Networks, overview of computer workshop, cloud computing,Theorey of computation, Computer Programming, Computer Architecture, Operating Systems, Artificial Intelligence, Machine Learning+ Lab, information retrieval,Introduction to cyber security,Database Management Systems, Computer Programming	

## Projects

<b>Health Nexus</b>	December 2023
<b>Course Project-Full Stack Web Development</b>	<i>ReactJS v18, NodeJS v16, MongoDB and Express-JS</i>
<ul style="list-style-type: none"><li>• Led the development of Health Nexus, a Full Stack ReactJS and NodeJS-based web application, showcasing proficiency in full stack web technologies.</li><li>• Designed and implemented user-friendly features, including authentication, product ordering, and virtual consultations, highlighting expertise in web design and CSS, demonstrating a focus on user experience.</li><li>• Optimized the application for scalability, ensuring smooth navigation and efficient data handling for both customers and administrators in the backend.</li><li>• Took ownership of the project's end-to-end development, from initialization with npm to deploying a functional web application, showcasing strong project management skills and Full Stack capabilities.project management skills.</li></ul>	
<b>WIKIPEDIA COUNTRIES AND TERRITORIES SEARCH</b>	November 2023
<b>Course Project-Information retrieval</b>	<i>Web scraping, python.</i>
<ul style="list-style-type: none"><li>• Strong command of Python, utilizing NLTK, scikit-learn for efficient information retrieval system development.</li><li>• Developed and deployed cosine similarity algorithm for document retrieval, leading to a 60 percentage increase in search accuracy and streamlining information retrieval process.</li><li>• Orchestrated seamless project setup with detailed installation instructions, emphasizing project management skills.</li><li>• Integrated user feedback iteratively, demonstrating collaboration and responsiveness to user needs</li><li>• Proficient in data analysis and visualization, evident in the creation and display of precision-recall curves for insightful system evaluation</li></ul>	
<b>OLYMPICS MANAGEMENT SYSTEM</b>	September 2022
<b>Course Project-oops(java)</b>	<i>Java,MYSQL</i>
<ul style="list-style-type: none"><li>• Developed a Java-based system for organizing Olympics data, including participants, tournaments, and medals.</li><li>• Implemented MySQL Connector/J ver. 8.0.21 for efficient storage and retrieval of Olympics-related information</li><li>• Integrated dynamic SQL queries for flexible operations, enabling updates, inserts, deletes, and medal printing.</li><li>• Engineered the system to automatically compile and display event-specific details, winners, and overall scores for user convenience.</li></ul>	

## Skills

**Languages:** Python, Javascript, Java, C  
**Databases:** MongoDB, MYSQL  
**Frameworks:** ReactJS, Express.js, Node.js, Bootstrap, REST API  
**Tools:** Numpy, Pandas, Scikit-Learn, Postman, VScode

## Extracurriculars

### Sports

- Participated in Badminton conducted by IIIT Sricity

### Technical

- Implemented Designed and implemented serverless computing solutions on AWS. Successfully established pathways for Autoscaling monitoring, optimizing system efficiency and performance in a dynamic, serverless environment.