SATHWIK KOLETI

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EDUCATION

Gokaraju Rangaraju Institute of Engineering and Technology   2020 - 2024
B.Tech in Computer Science and Engineering   *CGPA: 7.53*

Sri Chaitanya Junior Kalashala   2018 - 2020
Intermediate (MPC)   *Percentage: 92.5%*

Dr. KKRs Gowtham School   2017 - 2018
SSC   *CGPA: 9.0*

SKILLS

Programming Languages	Java
Web Technologies	HTML, CSS, JavaScript, React JS
Database	MySQL
Framework	Spring Framework, Hibernate, JPA, Spring Boot
Tools	Git, VSCode, Eclipse

CERTIFICATIONS

Java Full Stack - Student Tribe   May 2024 - Sep 2024

- Completed a comprehensive Java Full Stack Development course from Student Tribe, covering core Java, Spring Boot, Hibernate, and front-end technologies such as HTML, CSS, JavaScript, and frameworks. This intensive program equipped me with hands-on experience in building dynamic, scalable web applications and solidified my understanding of both back-end and front-end development.

Google UX Design   Mar - Apr 2024

- Completed the Google UX Design course on Coursera, showcasing expertise in applying industry-leading principles and methodologies to create intuitive and user-centric design solutions.

Data Analytics using Python (NPTEL)   Jan 2023 - Apr 2023

Data Science for Engineers (NPTEL)   Jul 2022 - Sep 2022

PROJECTS

Healthcare System. Developed an online diagnostic platform, Healthcare System, using Spring Boot and MySQL, featuring modules for user management, patient profiles, admin controls, and appointments. Enabled seamless test bookings and real-time data sharing for improved efficiency. Conducted thorough API testing with Postman to ensure secure, reliable, and consistent functionality across modules.

Personal portfolio. Developed a personal portfolio while learning web development to showcase achievements and projects. The website is a basic one created using HTML and CSS, and it is deployed using Netlify. Throughout this project, I gained knowledge in the basics of Git.

Sentiment Analysis. Developed a Swarm optimization model using the AVO algorithm for sentiment analysis on Amazon product reviews, classified the reviews into three categories, and achieved an accuracy of 86 percent. The technologies involved in this project are Python libraries for Machine Learning and HTML, CSS, and JavaScript for the front end.

Sign Language Detection. Developed a Machine Learning model using YOLO to translate sign language gestures. YOLO is an object detection algorithm based on computer vision, and it achieved an accuracy of over 90 percent. Technologies used are Python for Machine Learning, YOLO V5 algorithm, and LabelImg for image annotation.