UPPULA SAI KUMAR

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HackerRank | **GitHub** | **Linkedin** | **CodeChef** | **LeetCode**

EDUCATION

Sreenidhi Institute of Science and Technology   Hyderabad,Telangana
B.Tech Computer Science Engineering   Sept 2020 - May 2024
CGPA: 7.6

Alphores Junior College   Karimnagar,Telangana
Higher Secondary School MPC   Jun 2018 - Apr 2020
Percentage: 97%

EXPERIENCE

Softforce Consultants Pvt Ltd | Software Engineer Trainee   Hyderabad | Feb 2024 - Present
- Developed a comprehensive Express.js backend application, incorporating key technologies and libraries such as Node.js, body-parser, multer, cookie-parser, and cors to handle various functionalities.
- Configured middleware for parsing JSON and URL-encoded bodies, managing static files, handling cookies, and enabling cross-origin resource sharing (CORS) for both development and production environments.
- Developed responsive webpages that dynamically display data fetched from APIs.
- Spearheaded the development of backend services for Token-based authentication, streamlining user login processes; successfully decreased login times by 50% and resulted in the system being adopted by over 500 active users.
- Built RESTful APIs and microservices to improve communication and scalability.
- Managed NoSQL databases like MongoDB and Redis, optimizing data storage and retrieval for better performance and reliability.
  Worked Projects:
- Microsite
- Sankara Eye Foundation
- Softforce Website

Smart Interviews | Trainee   Hyderabad | Aug 2022 - Jun 2023
Expertise in using DSA to solve complex problems in C++, such as graph algorithms, string algorithms and dynamic programming.Solved 350+ problems on Codechef, Codeforces, Hackerrank and Leetcode.

SKILLS

Programming Languages:	C, C++, Java, Python, JavaScript, HTML, CSS, PHP, SQL
Libraries/Frameworks:	React.js, Express.js, Jquery
Tools / Platforms:	Git, Github, VsCode, Jupyter Notebook, CodeSandbox, IntelliJ IDEA
Databases:	MySql, MongoDB

PROJECTS / OPEN-SOURCE

Loan Prediction Using Machine Learning | Link   *Machine Learning, HTML, CSS, Flask*
A Loan Prediction System implemented to detect whether to approve or reject loan appeals.Our System reduces the human effort and time & also improved the accuracy compared to existing System.

Enhanced Pain Recognition System Using Contextual Analysis and Physiological Signals   *Deep Learning, HTML, CSS, JavaScript, Flask*
Our Pain Detection model may provide a new solution to practitioners and researchers in Pain Detection.

Employee Detailing APP   *MongoDB, Expressjs, Reactjs, Nodejs*
An application of REST principles using MongoDB, ExpressJs, ReactJs for Building APIs.

Travel Website | Link   *HTML, CSS, JavaScript*

CERTIFICATIONS

- Pearson MePro Level 10 Expert - **Pearson MePro**
- Data Science & Analytics using Python & R - **KS India(Microsoft Partner)**