Kolli Harshitha

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PROFESSIONAL SUMMARY

Aspiring Information Technology undergraduate with a strong foundation in Computer Science principles, currently pursuing a Bachelor's degree in Engineering with a CGPA of 9.48. Possesses practical experience in Python, HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, and Flask. Developed hands-on expertise in full-stack development by working on projects, implementing both frontend and backend functionalities, and integrating databases. Seeking opportunities to apply technical skills and contribute to innovative engineering projects in a collaborative team environment.

EDUCATION

Chaitanya Bharathi Institute of Technology (CBIT)   **CGPA: 9.48**
Bachelor of Engineering in Information Technology   *2022 – Present*

Sri Guru PU College   **Percentage: 98.33%**
Pre-University Education   *2020 – 2022*

Kendriya Vidyalaya   **Percentage: 93.17%**
Secondary Education   *2010 – 2020*

PROJECTS

FindItHub | *HTML, CSS, JavaScript Node.js, Express.js, Multer, MongoDB, Cloudinary ,Render* | **Deployment Link**
- Developed a full-stack web application using Node.js, Express.js for backend and HTML, CSS, JavaScript for managing lost and found items.
- Implemented features allowing users to post found and lost items with details including pictures, location, and descriptions.
- Displayed lost and found items on the main page, enabling users to browse and identify their lost and found belongings.
- Facilitated contact between the person who lost the item and the person who found it through the provided details.

FitWave | *HTML, CSS, JavaScript, Flask, MongoDB, Render* | **Deployment Link**
- Developed a full-stack web application using Flask and HTML, CSS, JavaScript to create a personalized fitness guide and tracker.
- Implemented user input forms to capture parameters like weight, height, and fitness goals for tailored workout recommendations and curated videos.
- Designed dynamic progress tracking with reassessments and graphs, providing adaptive workout plans based on user progress.
- Enhanced user experience by offering personalized guidance and goal adjustments to support improved health and wellness.

Portfolio | *React.js, Tailwind CSS, Framer Motion, Node.js,Express.js, Vercel, Render* | **Deployment Link**
- Built a personal portfolio using React.js and Tailwind CSS.
- Added smooth animations with Framer Motion.
- Deployed on Vercel (frontend) and Render (backend).

Credit Score Optimizer | *React.js, Tailwind ,Flask ,NumPy, Pandas, Scikit-learn ,Vercel ,Render* | **Deployment Link**
- Utilized NumPy, Pandas, Scikit-learn, and XGBoost for data preprocessing, financial analysis, and predictive modeling.
- Followed a hybrid architecture combining rule-based logic with machine learning for comprehensive credit assessment and personalized recommendations.
- Built a rule-based analysis module to assess user financial health based on predefined credit scoring conditions and financial best practices.
- Integrated a trained XGBoost model to predict credit scores and implemented a "what-if" scenario engine to generate personalized recommendations.

Internship Experience

Codesprint | *Industrial Training and Internship*
- Learned MERN stack technologies
- Developed a web application for managing lost and found items.
- Gained experience in creating responsive websites and user interfaces.
- Collaborated with team members to design and implement features.

Technical Skills

Languages: Python, HTML, CSS, JavaScript ,SQL
Frameworks: Node.js, Express.js, Flask, Tailwind
Developer Tools: Git, GitHub, VS Code
Databases: MongoDB
Libraries: React.js, pandas, NumPy, Matplotlib, Scikit-learn
Concepts: Object Oriented Programming ,Operating System ,Datastructure and Algorithm
Design Tools: Canvas, Figma
Languages Spoken: English, Hindi, Telugu, Kannada

Position Of Responsibility

Joint Secretary | *CBIT Cyber Security Club*
- **Responsibilty**: Assisted in organizing and coordinating club events, acting as a liaison between members and leadership
- **Achievements**: Managed and made designs for Information Security Bootcamp that attracted over 400+ attendees

Design Coordinator | *IEEE CBIT Student Branch*
- **Responsibilty**: Designed visually appealing graphics, posters, and promotional materials to enhance the club's visibility and outreach
- **Achievements**: Organized and designed for "Udbhava" during the annual fest "Shruthi Sudhee," which attracted over 500+ attendees

Certifications

Introduction to Python Certificate (Infosys Springboard): Download
HTML 5.0 - The Language Certificate (Infosys Springboard): Download
JavaScript Certificate (Infosys Springboard): Download
Python Certificate (Hackerrank): Download
CSS (Basic) Certificate (Hackerrank): Download
MERN Stack Developer (Codesprint): Download

Achievements

- Achieved a 5-star rating in Python on HackerRank.
- Shortlisted for the internal hackathon of the Smart India Hackathon (SIH) at Chaitanya Bharathi Institute of Technology in 2024.
- Actively involved in clubs such as CCC and IEEE CBIT served as Joint Secretary and Design Coordinator.
- Secured a KCET rank of 997, a TSEAMCET rank of 5125, and an APCET rank of 5025.
- Scored a 96.05 percentile in JEE Mains.
- Won first position in Logo Design Competition by Chaitanya Astra.