Kathiri Mukesh Sai Naidu

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PROFESSIONAL SUMMARY

Motivated Computer Science and Engineering student with a strong foundation in programming, data structures, and algorithms. Skilled in software development, problem-solving, and team collaboration, with hands-on experience in various programming languages and technologies. Seeking opportunities to apply technical expertise and contribute to innovative IT solutions in a dynamic work environment.

EDUCATION

- **Raghu Institute of Technology** — Visakhapatnam, India
  Bachelor of Technology - Computer Science and Engineering GPA: 8.67 — December 2021 – April 2025
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, System Design, Machine Learning, Databases*

- **Sri Chaitanya Junior College** — Visakhapatnam, India
  Intermediate (10+2) - MPC Stream Percentage: 91.40% — June 2019 – March 2021
  Board: *State Board of Intermediate Education*

- **Sri Chaitanya English Medium School** — Visakhapatnam, India
  Secondary School Certificate (SSC) CGPA: 10.0 — June 2018 – March 2019
  Board: *Board of Secondary Education, Andhra Pradesh*

SKILLS SUMMARY

- **Languages**: Python, Java, HTML, CSS, JavaScript, SQL
- **Frameworks**: Django, ReactJs, BootStrap
- **Tools**: GIT, MySQL, VS Code, MS Office
- **Platforms**: Linux, Windows, AWS
- **Soft Skills**: Leadership, Problem Solving, Time Management, Communication, Creativity

PROJECTS

- **Currency Converter (Web Development, APIs)**: View Project
  - Developed a web-based currency converter that allows users to convert amounts between different currencies using real-time exchange rates.
  - Integrated Exchange Rate API to fetch live currency data.
  - Designed with HTML, CSS, JavaScript, and Bootstrap for a responsive UI.
  - Demonstrated third-party API integration and responsive web design.

- **Brain Tumor Detection Using Machine Learning (Machine Learning, Computer Vision)**:
  - Developed a CNN-based model to detect brain tumors from MRI scans.
  - Achieved high accuracy in detecting tumors using TensorFlow and Keras.
  - Utilized advanced image processing techniques for accurate medical diagnosis.
  - Showcased AI and image processing skills in medical imaging.

- **Movie Search App (Using Movie Database API) (Web Development, API Integration)**:
  - Developed a movie search app using the Movie Database API to allow users to search for movies by title, genre, or rating.
  - Users can view movie details such as ratings, description, and release dates.
  - Implemented pagination and filtering features for better user experience.
  - Built with React for the frontend, integrating API calls using modern JavaScript methods (like Fetch), and ensuring responsive design.

CERTIFICATES

- **SmartInterviews – Data Structures and Algorithms**
  Hands-on training in problem-solving and algorithm design. — Certificate

- **AWS Academy Graduate – AWS Cloud Foundations**
  Completed foundational AWS cloud training. — Certificate

- **IBM – Data Analytics for Everyone**
  Learned basics of data analytics using spreadsheets and visualization tools. — Certificate

- **Palo Alto Networks – Introduction to Cybersecurity**
  Explored cybersecurity principles, risks, and defense mechanisms. — Certificate

- **HackerRank – SQL (Basic)**
  Certified in writing and optimizing SQL queries. — Certificate

VOLUNTEER EXPERIENCE

- **NSS Volunteer at Raghu Institute of Technology**
  Contributed to social initiatives like blood donation drives, clean-up campaigns, and rural outreach.