KIRAN KUMAR

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Objective

Passionate Computer Science and Engineering student with a strong focus on Development, DevOps, Cloud Computing, and Automation. Proficient in AWS, Azure, Linux, CI/CD pipelines, and tools like Docker and GitHub Actions. Experienced in Java, Python, JavaScript, and full-stack development. Excels in building scalable systems, contributing to open source, and learning through real-world projects.

Education

Alva's Institute of Engineering & Technology (AIET)   Nov. 2022 – May 2026
Bachelor of Engineering in Computer Science Engineering   *CGPA – 8.22/10*

Technical Skills

Languages: C, Java, Python, JavaScript, HTML/CSS
Developer Tools and OS: VS Code, Figma, GitHub, Git, Canva, Linux, Windows
Technologies: React.js, Node.js, MongoDB, MySQL, Docker, Azure, AWS
Soft Skills: Teamwork, Leadership, Communication, Problem-Solving, Adaptability

Profile Links

- **LeetCode:** Solved 100+ problems on Data Structures and Algorithms.
- **CodeChef:** Solved 100+ problems on Data Structures and Algorithms.
- **GeeksforGeeks:** Actively solving problems and strengthening CS fundamentals.

Projects

Sign Language to Text Converter with Audio | Python, Mediapipe, OpenCV, CNN, Tkinter
- Developed a real-time system to convert sign language gestures into text and audio for speech and hearing impaired individuals.
- Used **CNN** for gesture recognition and **Mediapipe** for hand tracking.
- Created GUI with **Tkinter** to display characters, suggestions, and full sentences.
- Used **pyttsx3** for converting recognized text into audio (TTS).

Static Website Deployment on AWS | AWS S3, GitHub Actions, Route 53
- Built and deployed a static portfolio using **AWS S3**; configured custom domain via **Route 53**.
- Implemented CI/CD using **GitHub Actions** for seamless deployment.
- Enabled versioning and optimized caching for faster updates.

Achievements and Certifications

- **Infosys Springboard:** Certifications on Java, React, DBMS, CN, OS, TechA Kubernetes Administrator, TechA AWS Solution Architect, TechA Microsoft Azure Administrator, and AZ-900 Microsoft Azure Fundamentals Exam Preparation Course.
- **CodeChef:** Completed the Data Structures and Algorithms course.
- **AWS Educate Emerging Talent Community:** Member of AWS's global student cloud network.
- **Research Paper Presentation:** Presented a review paper titled "Wireless Networks and Cloud: A New Era of Connectivity."

Extra-Curricular Activities

- Organized and led **Swachh Bharat** awareness programs in rural communities; conducted cleanliness drives to promote hygiene and environmental responsibility.
- Conducted training sessions on **computer fundamentals** for high school students to enhance their digital literacy and technical skills.