KUNAL USHINKAR

Mumbai, Maharashtra

📞 +91 9096098639 ✉ ushinkarkunal@gmail.com in LinkedIn </> Leetcode Profile

Education

University of Mumbai, VCET	Nov. 2022 – June. 2026
Bachelor of Engineering in Computer Engineering; CGPA: 8.3	*Mumbai, India*

Projects

Sign Language Translator: ML | *Python,OpenCV,Tensorflow* |
- Developed an AI-powered system to convert sign language gestures into text and speech using Python, OpenCV and TensorFlow.
- Implemented real-time gesture recognition with a text-to-speech module for effective communication.

Cyber Triage Tool | *flask,PostgreSQL,Pandas* |
- Built a digital forensics tool using Python, Flask, and React.js to automate evidence collection, data analysis, and report generation.
- Integrated AI/ML models with TensorFlow for anomaly detection and identification of indicators of compromise (IOCs), with export support in PDF, JSON, and CSV formats.

VoyageVerse | *React.js, Firebase, Gemini AI, Google maps API* |
- Built a web-based AI trip planner using React.js, Firebase, and Google Maps API to generate personalized travel itineraries based on user input.
- Implemented real-time customization for accommodation and budget optimization with interactive map navigation.

Experience

Headstarter AI

SDE Intern
- Worked on AI and SaaS-based projects, focusing on building scalable solutions and optimizing system performance.
- Enhanced problem-solving skills by implementing Data Structures and Algorithms (DSA) to improve efficiency and functionality.

HiTech Moulds

Software Developer Intern
- Developed a real-time inventory management system using React.js and Firebase for efficient tracking and data handling at multiple plants.
- Integrated data analysis and interactive dashboards for performance insights and inventory optimization.

War Robots (Pixonic)

Test Server Player
- Actively tested new game features, maps, and weapons on the test server to identify bugs and glitches.
- Provided detailed feedback on user experience, game balancing, and performance issues to improve overall gameplay.

Achievements

- Participated in **multiple hackathon**, driving innovative software solutions on assigned problem statements and was finalist at few hackathons.
- Contributed to a **Product Showcase**, enhancing presentation skills and effectively communicating project ideas.
- Completed the **Full Stack Web Development Course** by Angela Yu on Udemy, acquiring in-depth knowledge of programming concepts.

Profile Links

Leetcode

Technical Skills

Languages: Python, MongoDB, HTML/CSS, JavaScript, SQL
Technologies/Frameworks/Libraries: Pandas, ReactJS, TensorFlow