

OMKANT SHENDE

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SUMMARY

Omkant Shende, an AI student, holds a completed Bachelor's degree in Artificial Intelligence from GH Rasoni Institute of Engineering and Technology, Nagpur. Proficient in web development with a robust understanding of AI technologies.

WORK EXPERIENCE

Artificial Intelligence & Laravel Developer Intern | Clustor Computing June 2023- December 2023

- Spearheaded development of three AI-based projects in Computer Vision, CNN and ANN.
- Contributed to data processing, feature engineering and model training.
- Gained hands-on experience met project deadline effectively.
- Worked as a backend on an Laravel MVC Framework.
- Strong Understanding of front-end technologies including HTML , CSS, & JavaScript .

Artificial Intelligence Intern | Code Clause 1 May -31 May 2023

- Spearheaded development of three AI-based projects in Computer Vision, CNN and ANN.
- Contributed to data processing, feature engineering and model training.
- Gained hands-on experience met project deadline effectively.

Full stack developer Intern| Asterisc Technocrat Pvt. October 2022- April 2023

- Managed project timelines, reducing delivery times by 30%.
- Spearheaded the adoption of cutting-edge engineering software, improving project accuracy by 15%.
- Collaborated with cross-functional teams, enhancing project success rates by 10%.

NGO Intern | Saving Dreamz Foundation 13th February - February 2022

- During the internship, our team organized a donation drive where we collected and distributed clothes and books to underprivileged students, aiming to improve their access to essential resources and support their education.
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EDUCATION

B-tech in Artificial Intelligence Engineering 2020-2024

GH RAISONI INSTITUTE OF ENGINEERING AND TECHNOLOGY
NAGPUR, INDIA

HSC in Information Technology 2018-2020

NANAJI JOSHI JR COLLEGE
SHAHAPUR, INDIA

ADDITIONAL INFORMATION

- **Technical Skills**
 - **Languages:** python, Html, CSS, JavaScript.
 - **Machine Learning:-** NLP, NLTK, Computer vision, CNN, TensorFlow.
 - **Developer Tools :** GitHub , VS Code, Jupyter Notebook, Google Colab.
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PROJECTS

Major Project | Automatic signature and photo detection from the uploaded document using AI and OCR

College

- Proficient in implementing facial emotion detection algorithms using state-of-the-art machine learning and computer vision techniques.
- Skilled in utilizing deep learning frameworks such as TensorFlow and PyTorch to develop accurate models for recognizing a wide range of emotions.
- Experienced in preprocessing facial images, extracting relevant features, and training neural networks to achieve high accuracy in emotion classification tasks.
- Capable of integrating facial emotion detection systems into real-world applications to enhance user experience and engagement.

Mini Project | Medicine management system

College

- Developed a comprehensive medicine management system using Python to efficiently track inventory, monitor expiration dates, and manage stock levels.
- Implemented data analytics features to generate insightful reports on usage patterns, facilitating informed decision-making.
- Integrated user-friendly interfaces for easy navigation and seamless interaction, enhancing user experience and efficiency.
- Ensured scalability and reliability through rigorous testing and optimization techniques, delivering a robust and dependable solution.

Internship Dashboard

Cluster Computing

- Developed an interactive internship dashboard leveraging Laravel MVC framework to streamline data management and enhance user experience.
- Implemented CRUD functionality for interns, supervisors, and tasks, ensuring seamless data manipulation and tracking.
- Integrated authentication and authorization features to ensure secure access and data privacy within the dashboard.
- Utilized Laravel's blade templating engine to create dynamic and responsive views, optimizing the dashboard for various devices and screen sizes.

Resume Builder

Asterisc Technocrat Pvt

- Developed a dynamic resume builder web application using PHP core, providing users with customizable templates and easy-to-use interface.
- Implemented features for users to input personal information, education details, work experience, and skills, with real-time preview functionality.
- Utilized PHP sessions and MySQL database for secure storage and retrieval of user data, ensuring data privacy and integrity.
- Integrated responsive design principles and cross-browser compatibility to ensure optimal user experience across various devices and platforms.

Facial Emotion Detection

Code clause

- Proficient in implementing facial emotion detection algorithms using state-of-the-art machine learning and computer vision techniques.
- Skilled in utilizing deep learning frameworks such as TensorFlow and PyTorch to develop accurate models for recognizing a wide range of emotions.
- Experienced in preprocessing facial images, extracting relevant features, and training neural networks to achieve high accuracy in emotion classification tasks.
- Capable of integrating facial emotion detection systems into real-world applications to enhance user experience and engagement.

Face Detection

Code clause

- Demonstrated expertise in implementing face detection algorithms utilizing OpenCV and deep learning frameworks such as TensorFlow and PyTorch.
- Proficient in preprocessing techniques including image augmentation and normalization to enhance face detection accuracy.
- Skilled in fine-tuning pre-trained convolutional neural networks (CNNs) for specific face detection tasks, achieving high precision and recall rates.
- Experienced in deploying face detection models on various platforms including desktop, mobile, and embedded systems, optimizing for real-time performance.

Student Dashboard

Asterisc Technocrat Pvt

- Designed and implemented a dynamic student dashboard using PHP core, providing personalized user experiences and streamlined access to key academic information.
- Integrated database functionality to securely store and retrieve student data, ensuring data integrity and confidentiality.
- Implemented responsive design principles to optimize the dashboard for various devices, enhancing accessibility and usability.
- Utilized PHP's core functionalities along with HTML, CSS, and JavaScript to create an intuitive interface with interactive features for effective student engagement.

Python T-point Clone

Asterisc Technocrat Pvt

- Developed a Python T-point Clone using HTML, CSS, JavaScript, and Bootstrap, showcasing proficiency in front-end technologies.
 - Implemented responsive design principles to ensure optimal user experience across various devices.
 - Utilized JavaScript for interactive features and enhanced functionality, demonstrating dynamic web development skills.
 - Employed Bootstrap framework for streamlined and visually appealing UI design, reflecting attention to detail and user-centric approach.
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