ANURAG WAZARKAR

Master in Computer Applications

Karad, Maharashtra 8788013579 anuragwazarkar123@gmail.com

SUMMARY

Postgraduate MCA student with experience in academic publishing, editorial coordination, and conference management. Edited national-level cyber security proceedings and managed peer-review for 50+ submissions. Published 5+ book chapters and 2+ research papers in machine learning and AI. Strong in documentation, author communication, and simplifying technical content for diverse audiences.

EXPERIENCE

Conference Editor & Organizer   *16/10/2025*
National Level YouthCon 2025 – Cyber Security Conference   Karad

Served as Editor for the official conference book and proceedings, overseeing academic quality, language, and formatting. Reviewed and evaluated over 50 research submissions, shortlisting 20 for publication, while managing the complete peer-review process and coordinating with authors, reviewers, speakers, and institutions to ensure timely and accurate final submissions.

Conference Operations Coordinator (ATAL Portal)   *14/11/25 – 15/11/25*
International Conference on "Cutting Edge Technologies in Advanced Computing"   Karad

Managed ATAL portal operations for over 150 participants, handling registrations, data entries, and approvals, while maintaining accurate and up-to-date conference schedules. Coordinated with institutions, speakers, and student researchers to resolve portal-related, data, and logistical issues efficiently.

Internship   *01/06/2025 – 30/11/2025*
Quick Heal Foundation (NGO)   Karad

Served as Secretary of the QHF Club, coordinating documentation and reporting across 10 campus teams. Planned and managed cyber safety outreach programs in Karad, directly engaging over 2,400 students, and supported large-scale awareness initiatives reaching more than 24,000 students through school clubs, events, and digital platforms.

PROJECTS

Bird Detection   *01/2025 – 03/2025*
Audio classification using deep learning

- Built a CNN-based audio classification model using mel-spectrogram and MFCC features to identify bird species.
- Deployed a prototype with a Next.js frontend and Flask API backend for audio upload and prediction.

Emotion Detection using EEG Signals   *04/2025 – 06/2025*
Machine learning for emotion recognition

- Developed an ensemble model (KNN, Naive Bayes, Decision Tree) for EEG-based emotion recognition.
- Optimized features and model complexity for potential use on portable, low-resource devices.

Protein Function Prediction using Deep Learning Techniques   *08/2025 – 11/2025*
A Study on the CAFA-6 Dataset

- Integrated ESMFold to generate and visualize 3D protein structures.
- Developed an end-to-end system with FastAPI backend and Next.js frontend for sequence input, function prediction, and structure visualization.

PUBLICATIONS

- "The Quantum Horizon: Addressing Challenges, Ethical Concerns, and Future Potential", in QHIA 2024: Quantum Healthcare – Exploring Innovations and Applications, Apple Academic Press (Scopus indexed), 2024.
- "Harnessing AI to Unveil the Future: Modelling and Forecasting Climate Change Effects," Book Chapter "Generative AI for Remote Sensing of the Environment Harnessing AI to Unveil the Future", 2025.

- "Brainwaves and Emotions: Machine Learning-Based Analysis of EEG for Affective State Recognition," International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3), 2025. `DOI:10.1109/ISAC364032.2025.11156718`
- "Market Analysis of Solar Energy through Generative AI Insights," Book Chapter: Scrivener Publishing, 2025.
- "Optimizing the CNNs through Genetic Algorithms: Comparative study of Neural Architecture Search and Hyperparameter Optimization," International Conference on "Cutting Edge Technologies in Advanced Computing" 2025.

EDUCATION

Master of Computer Applications *09/2024 – 03/2026*
Government College of Engineering, Karad

Bachelor of Computer Science *09/2021 – 06/2024*
Ahmednagar College, Ahmednagar

SKILLS & ACHIEVEMENTS

Technical Skills:
- **Languages:** Python, C, C#
- **Frameworks and ML:** Flask, Next.js, Machine learning
- **Tools:** Git, PostgreSQL

Languages:
- Hindi
- English
- Marathi

Key Achievements:

- Published 5+ book chapters and 2+ research papers in machine learning and AI.
- Held leadership roles: Secretary, Cyber Shakti Club; General Secretary, Military Boys Hostel.
- Organized and supported multiple academic events, workshops, and conferences.