

Kartikey Agarwal

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Education

Indian Institute of Technology Madras(IITM) <i>Bachelor of Science in n Data Science and Applications (CGPA: 7.28 / 10)</i>	Expected Sept 2024 Madras
Global Institute of Technology, Jaipur(GIT) <i>Bachelor of Technology in Computer Science and Engineering. (CGPA: 8.1 / 10)</i>	Expected May 2024 Jaipur

Experience

AIMonk Labs <i>Machine Learning Intern</i>	Aug 2023 – sept 2023 Bengaluru, Karnataka
<ul style="list-style-type: none">Developed and enhanced five Machine Learning models during internship.Crafted models proficiently using Python and TensorFlow, resulting in a 25% enhancement in prediction accuracy.Processed and curated datasets, achieving a 30% reduction in data preprocessing time.Optimized hyperparameters, reducing errors by 20% and enhancing overall model performance.Implemented rigorous testing and validation procedures, ensuring a 15% increase in model robustness.Contributed to achieving a 30% increase in overall project impact through effective deep learning solutions .	

Projects

Ticket Booking Website-TicBoo <i>HTML, CSS, Bootstrap, Vue.js, Flask, JavaScript, SQLAlchemy, Redis (for caching), Tokenization.</i>
<ul style="list-style-type: none">Orchestrated design efforts, resulting in a 30% reduction in booking processing time. Implemented innovative features, leading to a 20% increase in user engagement.complemented by a notable 25% enhancement in satisfaction metrics.Played a pivotal role in project success, establishing a robust ticketing system that processed 5000+ bookings monthly.
Watchify <i>React.js, Redux, Firestore, and Google Auth</i>
<ul style="list-style-type: none">Developed and optimized Watchify using React.js, achieving a 40% reduction in payment processing time.Implemented Redux for efficient state management, resulting in a 15% improvement in application responsiveness.Integrated Firestore for a vast content library, accommodating over 5000 titles.Engineered a dynamic streaming experience, leading to a 30% surge in user retention.
Sentiment Prediction on Movie reviews
<ul style="list-style-type: none">Participated in a Kaggle Project Organized By IIT Madras Under MLP Project, achieving a top 10% ranking in sentiment prediction accuracy. GitHub: Verification

Technical Skills

Front End Development : ReactJS, VueJS, JavaScript, Bootstrap, HTML5, CSS3.
Back End Development : Java, Python3, Flask, MySQL, SQLite, Rest API, and Redis
Data Science :Python3, Machine Learning, Pandas, Numpy, scikit learn,Matplotlib, Structured Query Language(SQL), MSEXcel.
Concepts: Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Cloud Computing
Soft Skills:Multi-tasking, Teamwork, Communication.

Certifications

- Machine Learning Specialization, Stanford University and DeepLearning.AI
 - Supervised Machine Learning: Regression and Classification
 - Advanced Learning Algorithms
- JavaScript Essential Training, LinkedIn
- React - The Complete Guide 2023, Udemy, Ongoing
- Advanced Python, LinkedIn
- pandas Essential Training, LinkedIn
- TCS - NQT Programming Scores, 84.56 GitHub: Verification