KUNAL GARG

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EDUCATION

CHANDIGARH UNIVERSITY — Mohali, Punjab
Bachelor of Engineering — May 2024
Major in Computer Science with Artificial Intelligence and Machine Learning
Cumulative GPA: 8.03 / 10

LAKSHAY PUBLIC SCHOOL, Arki — Percentage: 87.6
Higher Senior Secondary — May 2018 - May 2019

LAKSHAY PUBLIC SCHOOL, Arki — Percentage: 87
Senior Secondary — May 2016 - May 2017

WORK EXPERIENCE

AI DATA TRAINER — **Apr 2024 - Present**
Invisible Technologies / San Francisco, United States - Remote

- Evaluated 5000+ coding tasks, including generating, debugging, and unit testing code in Python, C/C++, Java, and SQL, and analyzing application code in Android Java and front-end development with HTML/CSS/JS.
- Produced high-quality data annotation using proprietary tools, ensuring accuracy and adherence to guidelines.
- Developed and optimized 1000+ prompt labeling and generation workflows, contributing to enhancing generative AI models through tailored prompts across diverse contexts.
- Spearheaded STEM-related projects and executed in-depth research for 500+ response evaluations, ensuring informed and accurate outputs.
- Facilitated collaboration on multilingual projects by leveraging fluency in Hindi and English, resulting in the successful delivery of over 300 curated data sets while maintaining cultural nuances and linguistic integrity.
- Surpassed performance metrics by maintaining an average handling time (AHT) aligned with project benchmarks and achieved over 95% quality scores across all assignments, demonstrating precision and efficiency.

PROJECTS

LOAN APPROVAL PREDICTION — **Feb 2024**

- Developed a machine learning-based loan approval prediction system, leveraging predictive models to assess applicant eligibility.
- Directed the implementation of a cutting-edge predictive analytics tool, enhancing loan approval efficiency by 50% and accuracy by 25%, leading to a substantial reduction in operational costs.
- Accurately forecasted loan approval outcomes with 95% precision, resulting in a 20% increase in approved loans.

PHISHING DETECTION SYSTEM USING DEEP LEARNING — **Jan 2024**

- Directed a phishing detection system leveraging deep learning algorithms to analyze intricate patterns in email headers and content, integrating mathematical principles of neural network architecture optimization.
- Reduced email data dimensionality from 1000 to 100 features, cutting computational complexity by 70% while retaining 95% of the information, optimizing deep learning model efficiency for robust phishing detection.
- Utilized mathematical frameworks using loss function and gradient descent, resulting in a 15% increase in accuracy.

STUDENTS JOB AND ADMISSION PREDICTION — **Apr 2023- May 2023**

- Spearheaded the creation of a machine learning algorithm aimed at forecasting career prospects and admission probabilities for students, leveraging their academic preferences.
- Utilized regression analysis methodologies to anticipate outcomes, providing students with evidence-based insights, resulting in a 20% improvement in informed decision-making for academic and career choices.
- Incorporated the predictive model into a user-friendly web interface using HTML, CSS, and JS, ensuring easy accessibility.

TECHNICAL SKILLS

Languages: Java, C/C++, Python.
Libraries: Matplotlib, Pandas, Numpy, Keras, Scikit-learn, TensorFlow, PyTorch.
Web Dev Tools: VS Code, Git, GitHub, Anaconda, Jupyter.
Cloud/Databases: Relational Database (MySQL)
Relevant Coursework: Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, DBMS, Artificial Intelligence, Deep Learning, Machine Learning, Neural Networks, Mathematics, and Statistics.
Languages: Fluent in Hindi, English

CERTIFICATIONS

- **Machine Learning with Python** - Google Cloud
- **Data Science** - IBM
- **Data Structures**- Coursera