

ARSHDEEP SINGH

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EXPERIENCE

ByteGenics | Business Development Role Jun 2022 - Jun 2022

- Collaborated with a diverse development team to stimulate business growth: Partnered with cross-functional teams to pinpoint and leverage market opportunities, boosting overall business performance and reaching significant growth milestones.
- Analyzed and directed comprehensive market analysis strategies, examining 50+ customer feedback responses; insights led to improved product positioning and an increase in overall product visibility, attracting 10% more potential customers.

ZOffers P.V.T. L.T.D. | UI/UX Designer Jun 2022 - Sep 2022

- Managed social media content, including creating over 15 posts and designing 2 logos and various design elements, ensuring a cohesive and engaging online presence for the organization.
- Additionally, built a range of editing materials, producing over 10 Instagram posts and several memes, which contributed to increased audience engagement and visibility across platforms.

PROJECT

HeartBuddy

- Designed a Heart Disease Prediction Model: Leveraged Convolutional Neural Networks (CNN) to create a predictive model for heart disease, achieving 92% accuracy. This model has the potential to improve early diagnosis and treatment for heart patients, potentially reducing mortality rates.
- Engineered advanced data preprocessing techniques including normalization and augmentation, enhancing the training dataset's quality; improved model robustness, resulting in a 40% reduction in prediction errors during validation phases.
- Technologies Used: Deep Learning, CNN, Machine Learning, Python, Tensorflow, Keras.

Spam Detector

- Developed a Spam Detection Model: Designed and executed a machine learning model to detect and filter spam messages with over 90% accuracy. This model significantly enhances user security by reducing the volume of malicious content reaching users.
- Enhanced Model Performance: Employed techniques including feature extraction, text preprocessing, and hyperparameter tuning, resulting in increase in accuracy and a 15% reduction in processing time for the spam detection system.
- Technologies Used: Machine Learning, Python, Natural Language Processing, Scikit-learn, NLTK.

EDUCATION

Vidyavardhini's College of Engineering and Technology
Bachelor of Engineering (B.E.) in Computer Science and Data Science
CGPI: 7.88
Graduation: May 2024

Holy Family Junior College
Higher Secondary Certificate (HSC), State Board
Percentage: 72.15%
Completed: February 2020

CERTIFICATIONS

- [Python for Data Science, AI & Development](#),
- [Databases and SQL for Data Science](#),
- [Data Analysis with Python](#).

OTHER

Technical Skills : Java, Python, SQL, HTML, CSS.
Design Tools : Adobe Photoshop, Illustrator, Figma, Canva.
Soft Skills : Attention to Detail, Critical Thinking, Analytic Reasoning, Leadership, Adaptability, Team Work, Communication, Problem Solving, Software Development Lifecycle.
Languages : English, Hindi, Marathi, Punjabi.
Achievements : Vice Chairperson at ECELL VCET, Social Media Head at VCET Students' Council