

Koushik R

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Bengaluru, Karnataka, India

EDUCATION

The Oxford College of Engineering

Master of Computer Applications (MCA) in Computer Science

Bengaluru, Karnataka

Feb 2024 – May 2025

SDC

Bachelor's Degree in Computer Science

India

Graduated 2024

TECHNICAL SKILLS

Programming Languages: Python, Java, C, SQL

Technologies & Frameworks: Machine Learning, Natural Language Processing, Data Analysis, Web Scraping

Tools & Platforms: Git, Linux, APIs, Data Visualization, Statistical Analysis

Databases: MySQL, PostgreSQL, NoSQL

Core Competencies: Algorithm Design, Data Structures, Object-Oriented Programming, Software Development

PROFESSIONAL EXPERIENCE

Data Science Intern

Nov 2024 – Jan 2025

Dotch Endeavours

Mysuru, Karnataka

- Developed and deployed a Twitter sentiment analysis system using Python and Natural Language Processing techniques to analyze social media trends and user opinions
- Implemented machine learning models for text classification achieving high accuracy in sentiment detection across diverse datasets
- Designed data preprocessing pipelines including tokenization, stemming, and feature extraction to handle large-scale unstructured text data
- Created comprehensive data visualizations and reports to communicate insights to stakeholders, driving data-informed decision making
- Collaborated with cross-functional teams to integrate sentiment analysis insights into product development strategies

PROJECTS

Twitter Sentiment Analysis Platform

Nov 2024 – Jan 2025

Machine Learning & NLP Project

- Architected end-to-end sentiment analysis pipeline processing 100K+ tweets using Python, NLTK, and scikit-learn
- Applied advanced NLP techniques including TF-IDF vectorization, word embeddings, and deep learning models for sentiment classification
- Achieved 87% accuracy in sentiment prediction through hyperparameter tuning and ensemble methods
- Built interactive dashboards using data visualization libraries to display real-time sentiment trends and analytics

CERTIFICATIONS & TRAINING

JPMorgan Chase - Software Engineering Job Simulation

2024

Virtual Experience Program

- Completed practical software engineering tasks simulating real-world challenges at JPMorgan Chase
- Gained hands-on experience with financial technology systems, data analysis, and software development best practices

Electronic Arts - Product Management Job Simulation

2024

Virtual Experience Program

- Developed product management skills including feature prioritization, user research, and go-to-market strategy
- Analyzed user data and market trends to make data-driven product decisions

KEY ACHIEVEMENTS

- Successfully completed multiple industry-recognized job simulations from Fortune 500 companies
- Demonstrated proficiency in full-stack development through academic and professional projects
- Strong foundation in data structures, algorithms, and system design through rigorous academic training
- Proven ability to learn new technologies quickly and apply them to solve complex problems