

# Koushik R

+91-XXXXXXXXXX | koush0707@gmail.com | linkedin.com/in/koushik-r-a6216333a  
Bengaluru, Karnataka, India

## EDUCATION

<b>The Oxford College of Engineering</b> <i>Master of Computer Applications (MCA) in Computer Science</i>	Bengaluru, Karnataka Feb 2024 – May 2025
<b>SDC</b> <i>Bachelor's Degree in Computer Science</i>	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

<b>Data Science Intern</b> <i>Dotch Endeavours</i>	Nov 2024 – Jan 2025 Mysuru, Karnataka
<ul style="list-style-type: none"><li>Developed and deployed a Twitter sentiment analysis system using Python and Natural Language Processing techniques to analyze social media trends and user opinions</li><li>Implemented machine learning models for text classification achieving high accuracy in sentiment detection across diverse datasets</li><li>Designed data preprocessing pipelines including tokenization, stemming, and feature extraction to handle large-scale unstructured text data</li><li>Created comprehensive data visualizations and reports to communicate insights to stakeholders, driving data-informed decision making</li><li>Collaborated with cross-functional teams to integrate sentiment analysis insights into product development strategies</li></ul>	

## PROJECTS

<b>Twitter Sentiment Analysis Platform</b> <i>Machine Learning &amp; NLP Project</i>	Nov 2024 – Jan 2025
<ul style="list-style-type: none"><li>Architected end-to-end sentiment analysis pipeline processing 100K+ tweets using Python, NLTK, and scikit-learn</li><li>Applied advanced NLP techniques including TF-IDF vectorization, word embeddings, and deep learning models for sentiment classification</li><li>Achieved 87% accuracy in sentiment prediction through hyperparameter tuning and ensemble methods</li><li>Built interactive dashboards using data visualization libraries to display real-time sentiment trends and analytics</li></ul>	

## CERTIFICATIONS & TRAINING

<b>JPMorgan Chase - Software Engineering Job Simulation</b> <i>Virtual Experience Program</i>	2024
<ul style="list-style-type: none"><li>Completed practical software engineering tasks simulating real-world challenges at JPMorgan Chase</li><li>Gained hands-on experience with financial technology systems, data analysis, and software development best practices</li></ul>	
<b>Electronic Arts - Product Management Job Simulation</b> <i>Virtual Experience Program</i>	2024
<ul style="list-style-type: none"><li>Developed product management skills including feature prioritization, user research, and go-to-market strategy</li><li>Analyzed user data and market trends to make data-driven product decisions</li></ul>	

## KEY ACHIEVEMENTS

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- 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