

LAKSHYA GUPTA

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EDUCATION

Amity University

Bachelor of Technology in Computer Science and Engineering

Noida, India

Sep 2021 – Jul 2025

- **CGPA:** 8.26 CGPA
- **Courses:** Data Structures in C, Database Management Systems, Exploring Networks, Operating Systems, Generative Artificial Intelligence, Deep Learning and Artificial Intelligence, Linux for Devices, Software Project Management
- **ALiAS:** Volunteered and attended developer events to promote learning, upskilling and community engagement.

SKILLS, LANGUAGES, INTERESTS

- **Technical Skills:** Python, C/C++, Java, HTML/CSS, JavaScript, Tailwind CSS, MySQL, MongoDB, React, ExpressJS, NextJS
- **Tools:** Git, Docker, Visual Studio Code, Figma, IntelliJ Idea
- **Soft Skills:** Leadership, Communication, Punctuality, Time Management, Critical Thinking, Problem Solving
- **AI & Data Analytics:** Jupyter Notebook, Numpy, Pandas, TensorFlow, Keras, Seaborn, Matplotlib, SciKit-Learn.

WORK EXPERIENCE

Marksman Technologies Pvt. Ltd.

Software Intern

Noida, India

May 2024 – Jul 2024

- Directed a team of 11 developers to build an adaptive learning platform from scratch, utilizing Next.js, TypeScript, React, Google Gemini API, and PostgreSQL, ensuring a comprehensive approach to development.
- Successfully delivered the project **4 days** ahead of the scheduled deadline by efficiently managing the project timeline, coordinating team efforts, and proactively addressing potential issues.
- Conducted comprehensive code reviews, providing feedback to enhance code quality, maintain best practices.
- Achieved a 20% performance enhancement by implementing rigorous testing, debugging, and optimization techniques, significantly improving the platform's efficiency and user experience.

PROJECTS

Sentiment Analysis of Customer Feedback

Natural Language Toolkit (NLTK), Transformer model

Nov 2023 – Jan 2024

- Engineered a Transformer architecture to classify customer feedback into positive, negative, or neutral sentiments.
- Achieved 92% accuracy by optimizing model, enabling insights for data-driven decision-making and personalised user experience.

Music Recommendation System

Python, Knowledge-Graphs-CN, Pandas, NumPy

May 2023 – Jul 2023

- Developed a music recommendation engine utilizing Cosine Similarity and KGCN to analyze user preferences and listening history.
- Improved accuracy by 40% through model fine-tuning and user behavior analysis, leading to increased user retention.

Phishing Email Detection

Python, Machine Learning, Scikit-Learn, Support Vector Machines (SVM)

Dec 2022 – Jan 2023

- Developed a model to detect phishing emails, incorporating text preprocessing and algorithms like Decision Trees and SVM.
- Achieved 95% detection accuracy, significantly reducing potential security breaches and enhancing cybersecurity protocols.

LICENSES AND CERTIFICATIONS

Python for Data Science

Issued by NPTEL - IIT Madras

ID: NPTEL24CS54S54530010630102441

Apr 2024

Master the coding interviews: Data Structures and Algorithms

Issued by Udemy, Andrei Neagoie (Founder of zerotomastery.io)

Jan 2024

Java Programming Course

Issued by Udemy, Tim Buchalka, Programming Academy

Jun 2022

The Complete Communication Skills Master Class for Life

Issued by Udemy, Tj Walker

May 2022