

Supun Gimhan

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PROFESSIONAL SUMMARY

I am an undergraduate currently pursuing a Bachelor of Information Technology at the University of Moratuwa. I am seeking an internship in Artificial Intelligence and Machine Learning to gain hands-on experience and grow into a skilled AI/ML engineer.

EDUCATION

Bachelor of Information Technology University of Moratuwa GPA: 3.41	<i>2023 – Present</i>
GCE Advanced Level Physical Science	<i>2022</i>
GCE Ordinary Level Combined Math - C, Physics - C, ICT - A	<i>2017</i>

PROJECTS

Sentiment Analysis — Python, Scikit-learn, Azure
Built a sentiment classifier using NLP techniques. Applied preprocessing, feature extraction, and trained models (Naive Bayes, SVM, Logistic Regression).

Laptop Price Predictor — Python, Azure
Created a regression model to predict laptop prices using brand, processor, and RAM. Deployed a web interface.

LangChain Chatbot — Python, OpenAI API
Built a chatbot using LangChain with memory and prompt engineering for better conversation handling.

To Do List App — Java, JavaFX, MySQL
Developed a desktop app with CRUD functions and user-friendly interface.

QR Code Generator — Python
Generated QR codes from input strings using Python libraries.

Dice Rolling Game — Python
A terminal-based dice game to simulate random outcomes.

TECHNICAL SKILLS

Languages: Python, Java, SQL, HTML, CSS, JavaScript
AI & ML: Supervised/Unsupervised Learning, NLP, LLMs, LLMOps
Libraries: NumPy, Pandas, Scikit-learn, Tensorflow, Matplotlib
Tools: GitHub, AWS, MySQL

SOFT SKILLS

Strong problem-solving, analytical thinking, effective communication, team collaboration, self-motivation.

EXTRACURRICULAR ACTIVITIES

- Member, Project Leaders Group — University of Moratuwa
- Member, School Prefects Board
- Participant, Code Sprint Hackathon by IEEE
- Participant, Microsoft Imagine Cup
- HackerRank Certificates: Python, Problem Solving

REFERENCES

Ranjani Priyantha — Teacher, Karawita Central College
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Malith Sanjaya
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