



DEBARUN GHOSH

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Targeting roles in Data Science, Analytics, or Business Analytics, leveraging expertise in Natural Language Parsing, Machine Learning, Deep Learning, and SQL.

PROFILE SUMMARY

- With a strong foundation in Electronics and Communications Engineering, bringing experience in software engineering and AI research across diverse industrial applications.
- Illustrated proficiency in Python, Machine Learning, CUDA, TensorFlow, OpenCV, YOLO, Keras, and Java, with a keen understanding of software life cycles.
- Recognized for applying AI models for data analysis, predictive modeling, and CUDA processing, contributing to enhanced product usability.
- Proficient in leadership, showcasing strong analytical and problem-solving skills, and skilled at QA testing for software and hardware products.
- Possess in-depth knowledge of AI and ML, driving innovation for next-gen technologies and product enhancements.
- Recently achieved an increase in operational efficiency through strategic data-driven initiatives, reflecting strong analytical and leadership capabilities.
- Skilled in business static analysis, technical documentation, and skilled at leveraging deep learning frameworks for impactful outcomes.

TECHNICAL SKILLS

- R & Python
- Machine Learning – Roc, Confusion Matrix, Analysis, Regression
- Deep Learning – Pytorch, Tensorflow, Opencv, Nns, Keras, Llm, Nlm
- Java/Js, C/C++
- Linux
- Matlab, Data Analytics, Visualization & Qa Engineering
- Oracle Sql/Mysql
- Azure/Aws Ec2
- Microsoft Power Bi, Jira, Agile Methodology

CORE COMPETENCIES

Strategic Planning	Data Visualization	Quality Assurance	Project Management
Statistical Analysis	Risk Analysis	Research Methodology	Process Optimization

WORK EXPERIENCES

Aug'23-Feb'24: Software Engineering Trainee
DOM4U Pvt. Ltd., Bangalore

Project: Generative AI and Applied Machine Learning utility

Platform: Python, Machine Learning, CUDA, TensorFlow, OpenCV, YOLO, Keras, JIRA (Agile), Java, JS, MySQL, Deep Learning Framework, Business Static Analysis and Technical Documentation

Key Result Areas:

- Implemented applied AI models for data analysis using OpenCV and YOLO.
- Developed predictive models and leveraging CUDA for efficient processing.