

Tejendra Chowdary Chaparala

Data Engineer

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🏠 <https://www.hackerrank.com/profile/tejendradevil>

PROFILE

Aspiring Software Engineer with experience in programming, cybersecurity, and data management. Strong problem-solving and critical-thinking skills with a commitment to delivering high-quality results.

PROFESSIONAL EXPERIENCE

Associate Data Engineer, RandomTrees 🔗

2024 Oct – present
Hyderabad, India

- Developed solution accelerators for migrating tables, data, and views while ensuring reconciliation across Oracle, SAP HANA, Databricks, BigQuery, MySQL, and Teradata.
- Improved data processing efficiency by optimizing SQL queries and refining data models.
- Partnered with cross-functional teams to design and implement data-driven solutions for business intelligence.

Data Engineering Intern, RandomTrees 🔗

2024 Jul – 2024 Oct
Hyderabad, India

- Assisted in building data pipelines for processing large datasets.
- Optimized SQL queries and data models to improve data processing efficiency.
- Collaborated with cross-functional teams to implement data solutions for business intelligence.

PUBLICATIONS

An Analysis on Conversational AI: The Multimodal Frontier in Chatbot System Advancements,

IEEE 🔗

Published an IEEE paper on conversational AI, focusing on multi-modal systems and optimization techniques. Proposed advanced methods like transfer learning to enhance AI capabilities.

PROJECTS

Morse Code Translator

- Developed a Python-based graphical user interface (GUI) for converting text to Morse code and vice versa.
- The application features intuitive input fields and real-time conversion capabilities, enhancing user experience and accuracy.

Travel Planning Website

- Designed a comprehensive website for trip planning, including transport, accommodation, and sightseeing options.

SKILLS

Databricks	● ● ● ● ●	Python	● ● ● ● ●
MySQL	● ● ● ● ●	Network Administration	● ● ● ● ●
Robotic Process Automation	● ● ● ● ●	Linux System Administration	● ● ● ● ●
Information Security	● ● ● ● ●	Java	● ● ● ● ●

CERTIFICATES

- Advanced Python-EBox
- Introduction to Cyber Security - Cisco Skills for All
- Computer Hacking and Forensics - Cybrary
- Complete iOS App Development - Udemy [↗](#)
- Python (Basic) - HackerRank [↗](#)
- Problem Solving (Basic) - HackerRank [↗](#)
- Redhat Linux Administration - Redhat Linux
- Database Management System Part 1 - Infosys Springboard
- Ethical Hacking Essentials - EC-Council [↗](#)
- Foundations of Cybersecurity - Google [↗](#)
- SQL (Basic & Intermediate) - HackerRank [↗](#)
- Software Engineer Intern - HackerRank [↗](#)

EDUCATION

Bachelor of Technology in Computer Science, Lovely Professional University ↗	2020 – 2024 Phagwara, India
Higher Secondary Education, Sri Chaitanya Junior College ↗	2018 – 2020 Gudavalli, India
Secondary Education, Dr. KKR's Gowtham Concept School ↗	2016 – 2018 Gudivada, India

LANGUAGES

English	● ● ● ● ●	Telugu	● ● ● ● ●
Hindi	● ● ● ● ●		

ACHIEVEMENTS

- Software Engineering Intern Certification by HackerRank
- 5-Star Rating in Python on HackerRank
- International 1st rank in NSO
- State Level Chess Player