Chandra Shekhar Khuntia

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EDUCATION

Gokaraju Rangaraju Institute of Engineering and Technology **Hyderabad, Telangana**
B.Tech in Computer Science and Business System *Expected Graduation, July 2026*
CGPA: 8.3

PROFILE SUMMARY

- A motivated and adaptable individual with a passion for continuous learning and personal growth. Known for my ability to work effectively in team environments and tackle challenges with a proactive mindset. With a strong attention to detail, problem-solving capabilities, and an eagerness to contribute, I am excited to apply my skills in Frontend Development and Machine Learning Domains. I am committed to bringing a positive, results-oriented attitude to any role I take on.
- Eager to collaborate with diverse teams and leverage my strengths to drive meaningful contributions within a dynamic work environment.

PROJECTS

OptiVision : ML-Powered Glaucoma Detection **Hackathon Project – November, 2024**
Tools & Technologies: Python, ML, HTML, CSS, Jupyter NoteBook, Data Handling
A machine learning-based solution that predicts the risk of glaucoma using data from wearable devices, helping in early detection and improving eye health management

Responsibilities:

- Developed a machine learning model to predict glaucoma using data from wearable devices (smartwatches/bands) such as heart rate, sleep patterns, and activity levels.
- Implemented the XGBoost algorithm, achieving an accuracy of 78%.
- Collaborated with a team to analyze and process the data, leading to the successful prediction of potential glaucoma cases.

Retention Yield Analysis **September 2024 – December 2024**
Tools: Machine Learning(CatBoost, Random Forest, Nueral Networks), Power BI
A data-driven solution to predict customer churn and estimate Customer Lifetime Value (CLV) in the telecom sector, enabling proactive retention strategies and improved customer engagement.

Responsibilities:

- Developed predictive models to analyze customer churn and estimate Customer Lifetime Value (CLV) using machine learning techniques, including SMOTE, Gradient Boosting (CatBoost), Neural Networks, and Random Forest.
- Utilized historical customer data (usage patterns, billing information, demographics) to build accurate churn prediction models.
- Created dynamic Power BI dashboards to help stakeholders make data-driven retention decisions.

CERTIFICATIONS & ACHEIVEMENTS

- **TCS iON Career Edge - Young Professional** | Tata Consultancy Services | Nov 2024
- **AICTE - Google Generative AI Virtual Internship |** AICTE | Jul – Sep 2024
- **Awarded 3rd Place in ACT Hackathon** among 100 participants – Recognized for innovative solution in glaucoma prediction using wearable device data.
- **Resource Manager, ISTE CLUB** - Managed event resources and coordinated logistics, resulting in improved efficiency and seamless event execution, contributing to the club's successful completion of the event.

SKILLS

Programming: Python, JavaScript, HTML/CSS, SQL, C++, C, R, UML
Tools: Star UML, Juypter Notebook, Git, MySQL, Agile