

# Chandra Tarun kumar

## Software Development Novice

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### PROFILE

An active undergraduate with a strong focus on software development, especially in web technologies. Proficient in Python, Java, HTML, CSS, JavaScript, and AWS. Committed to crafting scalable, high-quality, and user-centric software solutions.

### SKILLS

**Technical Skills** — Python, Java, HTML5, CSS3, JavaScript ,AWS, SQL, DevOps, Machine Learning, Deep Learning,Jupyter ,VScode  
**Behavioral Skills** — Problem Solving, Team Leader, Time Management, Continuous Learning, Initiative

### EDUCATION

<b>Bachelor of Technology: Artificial Intelligence and Machine Learning</b> SRKR Engineering College CGPA : 8.81	Nov 2021 – May 2025   Bhimavaram, W.G.Dist
<b>Senior Secondary: Mathematics, Physics, and Chemistry</b> Sri Pratibha Junior College Percentage : 97.7	Jun 2019 – May 2021 Pernamitta, Prakasam Dist

### PROFESSIONAL EXPERIENCE

<b>Full Stack Development Intern:</b> International Institute of Digital Technologies	May 2024 – Jul 2024
<ul style="list-style-type: none"><li>Engineered and launched a comprehensive Employee Management System, reducing administrative workload by 30%.</li><li>Developed real-time data synchronization processes, resulting in a seamless flow of information between front-end interfaces and back-end databases; improved system responsiveness by reducing lag time to under two seconds during peak usage.</li><li>Designed a robust back-end system using PHP and MySQL that improved data management efficiency, leading to a 40% reduction in processing time for user requests on the customer-facing platform.</li></ul>	
<b>AI/ML/DS Intern:</b> Henotic Technologies Pvt Ltd	Jul 2023 – Sep 2023
<ul style="list-style-type: none"><li>Spearheaded the development of a machine learning model, achieving 89% accuracy and increasing prediction precision by 15%.</li><li>Innovated and expedited the data preprocessing pipeline with advanced feature engineering and hyperparameter tuning.</li><li>Strengthened model evaluation by leveraging precision and recall metrics, attaining significant performance gains.</li><li>Overhauled the prediction framework, improving reliability and transforming subscription forecasting accuracy.</li><li>Achieved a seamless integration of preprocessing and modeling techniques, effecting a 15% improvement in predictive accuracy.</li></ul>	

### PROJECTS

<b>Personal Portfolio:</b>	Dec 2022 – Jan 2023
<ul style="list-style-type: none"><li>Effected a significant enhancement of professional presence by developing a responsive personal portfolio site using HTML, CSS, and JavaScript, incorporating interactive elements that attracted 3+ unique monthly users, thereby improving online visibility.</li><li>Orchestrated the development of a robust testing framework that guarantees optimal performance across four leading web browsers.</li></ul>	

### CERTIFICATES

<b>Introduction to JavaScript (Great Learning)</b> Aug 2024 – Aug 2024	<b>Python Certification (Kaggle)</b> Jul 2023 – Jul 2023
<b>AWS Academy Certifications : Cloud Foundation and Cloud Architecting</b> May 2023 – July 2023	<b>Cloud Computing (NPTEL)</b> Jan 2023 – Apr 2023