K. Varsha
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EDUCATION

Degree	CGPA	Institute	Year
B. Tech	9.7	MBU Tirupati	2022 - 2026
Intermediate	9.5	Vivekananda Jr College	2020 - 2022
SSC	9.9	SriChaitanya School	2019 - 2020

TECHNICAL SKILLS

- **LANGUAGES :** Java, Python, C
- **MACHINE LEARNING AND AI :** TensorFlow, Keras
- **DATA STRUCTURES :** Arrays, Strings, LinkedList, Collections
- **DEVELOPER-TOOLS :** VS Code, Jupyter Notebook, Github.
- **DATABASE :** MySQL
- **WEB DEVELOPMENT :** HTML, CSS, JavaScript, ReactJs
- **DATA ANALYSIS :** Pandas, NumPy, Matplotlib, Seaborn.

PROJECTS

- **Customer Churn Prediction using Deep Learning :**
  - Developed a deep learning model (ANN with Keras & TensorFlow) to predict customer churn.
  - Achieved 85%+ accuracy on a dataset of 10,000+ customer records.
  - Used dropout regularization & batch normalization for performance improvement.
  - Evaluated using binary cross-entropy loss, precision-recall, and ROC-AUC curves.
- **Phone Usage Data Analysis (India) :**
  - Analyzed 500,000+ phone usage records to identify key consumer trends.
  - Used NumPy and Pandas to generate interactive visualizations.
  - Identified 30% increase in screen time post-pandemic using statistical analysis.
- **Portfolio Tracker Application :**
  - Developed a responsive and dynamic web interface using HTML, CSS, and JavaScript.
  - Designed and implemented a dashboard to display portfolio metrics, including total portfolio value, top-performing stocks, and portfolio distribution.
  - Used Bootstrap & Responsive Design to ensure cross-device compatibility**.**

ACHIEVEMENTS

- Ranked in top 5% in CodeQuezt Contest #15 **(**371st out of 10,000+ coders**).**
- Secured 90th rank in ACPC AlgoHour **(**500+ participants**).**

CERTIFICATIONS AND BADGES

- **Leetcode**
  150+ problems solved**,** Achieved 50-day coding streak**.**
- **Hacker rank**
  Achieved Silver Badge in SQL, Java.
- Participated in Google's Online Challenge(Girl Hackathon), Winter Coding Challenge etc.

CODING PLATFORMS

- Leetcode : **https://leetcode.com/u/Varsha_4444/.**
- Hackerrank : **https://www.hackerrank.com/profile/Varsha_44**
- Coding Ninjas : **https://www.naukri.com/code360/profile/578c28ca-7280-4a4f-84e9-ca6634744486.**

'*' − intermediate proficiency.